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AVE/VAS IV: 25MB SOUNDING DATA

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Interim Report

March 1983



Prepared for

NASA - Marshall Space Flight Center
Marshall Space Flight Center, Alabama 35812


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| 16. ABSTRACT This reports describes the rawinsonde sounding program for the AVE/VAS IV experiment and presents tabulated data at 25-mb intervals for the 24 National Weather Service stations and 14 special stations participating in the experiment. Soundings were taken at 3-hr intervals beginning at 1200 GMT on April 24, 1982, and ending at 0600 GMT on April 25, 1982 (seven sounding times). An additional sounding was taken at the National Weather Service stations at 1200 GMT on April 25, at the normal synoptic observation time. Some soundings were computed from raw ordinate data, while others were interpolated from NWS significant level data. The methods of processing soundings are discussed briefly. Estimates of the RMS errors in the data are presented, and an example of contact data is given. Termination pressures of soundings taken in the meso- β -scale network are tabulated, as are observations of ground temperature at a depth of 2 cm. | | | | | |
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AVE/VAS IV: 25 MB SOUNDING DATA

by

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1. Introduction

The AVE/VAS field experiment was conducted on five operational days during the Spring of 1982. The dates and observation times for this experiment are given in Table 1.

This report is primarily a data document containing rawinsonde data taken at National Weather Service and special stations during AVE/VAS IV (24-25 April 1982). A description of the data processing method, together with the FORTRAN program for computing soundings and an error analysis, have been presented by Fuelberg (1974). Error estimates from Fuelberg's report are presented in Section 3. A description of the synoptic conditions, observed weather, selected satellite photographs, and summaries of severe and unusual weather events will be presented in a separate report.

2. The AVE/VAS IV Experiment

Twenty-four National Weather Service stations and fourteen special rawinsonde stations participated in the AVE/VAS IV experiment. A list of these stations is presented in Table 2, and their locations are shown in Fig. 1. The locations and station heights for the special stations participating in the AVE/VAS experiment are given in Table 3. Soundings were taken at seven times: April 24, 1982, at 1200, 1500, 1800 and 2100 GMT, and April 25, 1982, at 0000, 0300, and 0600 GMT. The National Weather Service stations also took soundings at the usual synoptic observation time at 1200 GMT on April 25. Some special stations made a second launch in a sounding period when the first launch terminated abnormally early.

The National Weather Service stations participating in the experiment formed a regional network in the South Central United States extending from Mississippi to Arizona. The special rawinsonde stations operated by Texas A&M University (TAMU) and National Severe Storms Laboratory (NSSL) formed a meso- β network centered on Stephenville, Texas.

¹Research Associate

Table 1. Listing of operational days and sounding times in the AVE/VAS field experiment.

| Operational Day | Dates | Observation Times |
|----------------------------|-------------------|--------------------------------------------------|
| AVE/VAS I * (Shakedown) | 6-7 February 1982 | 2/6 - 12, 18 2/7 - 00 |
| AVE/VAS II | 6-7 March 1982 | 3/6 - 12, 15, 18, 21 3/7 - 00, 03, 06, 12** |
| AVE/VAS III | 27-28 March 1982 | 3/27 - 12, 15, 18, 21 3/28 - 00, 03, 06, 12** |
| AVE/VAS IV | 24-25 April 1982 | 4/24 - 12, 15, 18, 21 4/25 - 00, 03, 06, 12** |
| AVE/VAS V | 1-2 May 1982 | 5/1 - 12, 15, 18, 21 5/2 - 00, 03, 06, 12** |

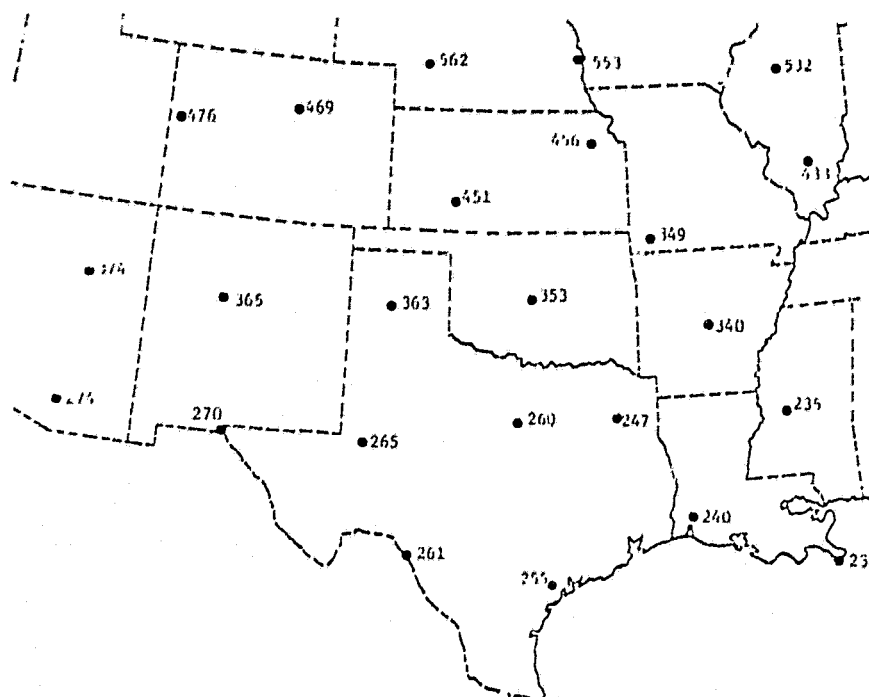
* Meso- β network only on shakedown

** Final 1200 GMT sounding at NWS stations only

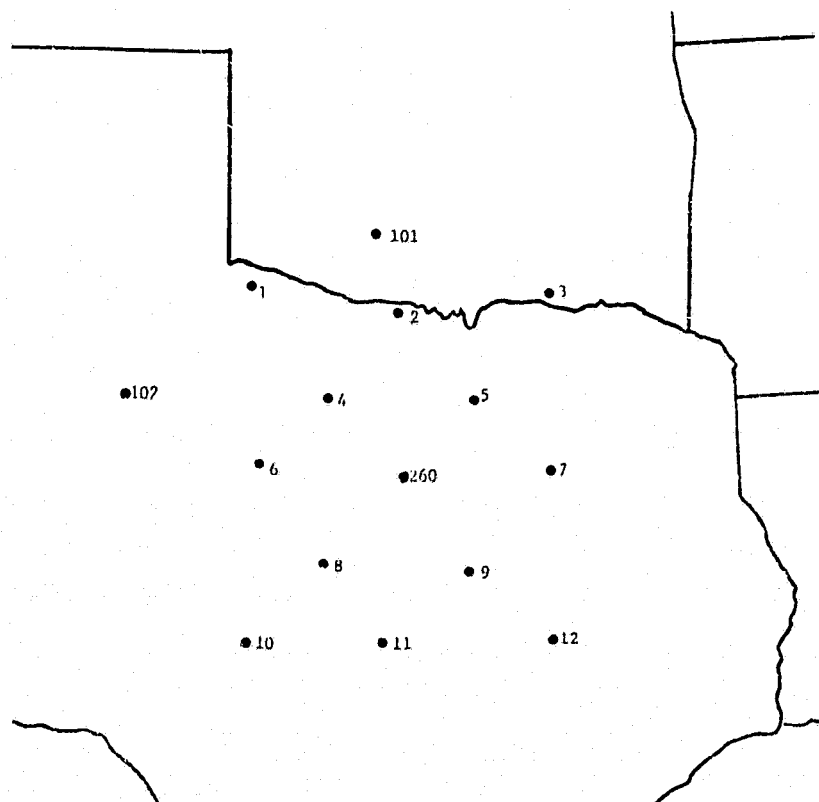
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Table 2. Rawinsonde stations participating in the AVE/VAS field experiment.

| Station Number | Location |
|-------------------------|---------------------|
| <u>Special Stations</u> | |
| 001 | Crowell, TX |
| 002 | Henrietta, TX |
| 003 | Durant, OK |
| 004 | Throckmorton, TX |
| 005 | Denton, TX |
| 006 | Abilene, TX |
| 007 | Ennis, TX |
| 008 | Brownwood, TX |
| 009 | Hewitt, TX |
| 010 | Menard, TX |
| 011 | Burnet, TX |
| 012 | College Station, TX |
| 101 | Ft. Silo, OK |
| 102 | Post, TX |
| <u>NWS Stations</u> | |
| 232 | Boothville, LA |
| 235 | Jackson, MS |
| 240 | Lake Charles, LA |
| 247 | Longview, TX |
| 255 | Victoria, TX |
| 260 | Stephenville, TX |
| 261 | Del Rio, TX |
| 265 | Midland, TX |
| 270 | El Paso, TX |
| 274 | Tucson, AZ |
| 340 | Little Rock, AR |
| 349 | Monett, MO |
| 353 | Oklahoma City, OK |
| 363 | Amarillo, TX |
| 365 | Albuquerque, NM |
| 374 | Winslow, AZ |
| 433 | Salem, IL |
| 451 | Dodge City, KS |
| 456 | Topeka, KS |
| 469 | Denver, CO |
| 476 | Grand Junction, CO |
| 532 | Peoria, IL |
| 553 | Omaha, NE |
| 562 | North Platte, NE |



(a) regional scale network



(b) meso- β -scale network

Fig. 1. Locations of rawinsonde stations participating in the AVE/VAS field experiment.

Table 3. Locations of special rawinsonde stations participating in the AVE/VAS IV field experiment.

| Station | | Height(m) | Latitude($^{\circ}$ N) | Longitude($^{\circ}$ W) |
|---------------------|-------|-----------|-------------------------|--------------------------|
| Crowell, TX | (001) | 450 | 33.98 | 99.71 |
| Henrietta, TX | (002) | 288 | 33.94 | 98.22 |
| Durant, OK | (003) | 211 | 33.94 | 96.40 |
| Throckmorton, TX | (004) | 405 | 33.19 | 99.18 |
| Denton, TX | (005) | 193 | 33.20 | 97.19 |
| Abilene, TX | (006) | 532 | 32.43 | 99.69 |
| Ennis, TX | (007) | 150 | 32.33 | 96.66 |
| Brownwood, TX | (008) | 502 | 31.71 | 99.10 |
| Hewitt, TX | (009) | 184 | 31.48 | 97.20 |
| Menard, TX | (010) | 588 | 30.94 | 99.81 |
| Burnet, TX | (011) | 387 | 30.74 | 98.23 |
| College Station, TX | (012) | 79 | 30.64 | 96.47 |
| Ft. Sill, OK | (101) | 361 | 34.67 | 98.41 |
| Post, TX | (102) | 772 | 33.20 | 101.34 |

3. Rawinsonde Data

3.1 Collection of the Data. Raw data from National Weather Service stations were received by the Atmospheric Sciences Division, NASA, Marshall Space Flight Center (MSFC), Alabama, and forwarded to TAMU after initial processing. Data from the special network were sent directly to TAMU.

Some of the raw strip chart data from the NWS stations were not available. For these soundings, the NWS significant level data and winds computed at 1-min intervals were provided.

3.2 Methods of Processing. The procedure used to compute the soundings is that used for previous AVEs and is described by Fuelberg (1974). All keypunched data were checked for errors by calculating centered differences on the input data. Additional checks included centered differences on computed winds and checks on lapse rates of computed temperatures and dew points. Constant-pressure charts were plotted for the regional and meso- β networks, and time cross-sections were analyzed for each station. Suspected errors were checked against the original strip chart information and appropriate corrections made.

The final rawinsonde data set of the AVE/VAS IV experiment consists of data computed at each pressure contact and at 25-mb intervals. Thermodynamic quantities were computed at each pressure contact, while winds were computed from the available 30- or 60-s interval angle data by means of centered finite differences, and subsequently interpolated to each contact or 25-mb level.

It should be noted that humidity values, including dew point temperatures, were computed only at temperatures above -40°C ; at temperatures below -40°C , humidity values are missing and are indicated by a field of nines (e.g., 99.9 or 999.9). Moisture values were computed if the relative humidity exceeded 1%. If the value was below 1%, it was set equal to 1% and used in the computation of other moisture variables. The humidity equations described by Fuelberg (1974) were used in processing data from sondes using the old-type hygrometers; computations for sondes with new carbon hygrometers were performed using humidity equations currently in use by the National Weather Service.

The program used to compute 25-mb data from significant level data is presented in Appendix III, along with the interpolated data. Time, temperature, and dew point depression were logarithmically interpolated to 25-mb levels.

Winds at 25-mb levels were computed by linear interpolation of the 1-min wind data. These soundings were included in the analysis and time cross-section data checks.

3.3 Accuracy Estimates. Estimates of the r.m.s. errors in the wind and thermodynamic quantities of the AVE/VAS IV data are the same as those for all previous AVEs and are given by Fuelberg (1974). The error estimates for thermodynamic variables are presented in Table 4.

The r.m.s. errors for wind speed and direction are difficult to describe since they are a function of tracking geometry and other factors. Maximum r.m.s. errors for winds (speed and direction) computed at 30-s intervals (based on the worst geometric tracking configuration) for 10 and 40 degree elevation angles are presented in Table 5. The accuracy of the wind data at pressure contacts and 25-mb intervals is greater than that stated for the 30-s winds because of the added smoothing and interpolation performed. In addition, the errors stated for the 30-s wind were maxima for the stated conditions.

3.4 Presentation of Data. An example of AVE/VAS IV contact data is given in Table 6, with the explanation of column headings in Table 7. The first line of data for time 0.0 minutes is surface data. A series of nines is used to indicate missing data. The three numbers in the upper right-hand corner are the number of pressure levels computed, the minimum pressure obtained (mb), and an angle identifier with the value of 0 for 30-s angle input and 1 for 1-min angle input.

Winds based on low elevation angles are denoted by asterisks. One asterisk denotes elevation angles less than 10° but greater than 6° , while two asterisks denote angles less than 6° . These levels have been specially noted because caution must be exercised in the use of this data; winds computed at low elevation angles are subject to rather large r.m.s. errors.

Levels containing temperatures or times which have been interpolated are also denoted by asterisks. Missing temperatures and times at contacts are replaced by linear interpolation. A limit was set on this interpolation so that it would not extend for more than five contact levels. Interpolation over deeper layers could lead to inaccurate temperatures and geopotential heights, especially if data were missing in a surface inversion or near the tropopause. The deeper layers of missing data which exceed the five contact limit are denoted by two asterisks.

The contact data interpolated to 25-mb intervals are presented in Appendices I and II. Interpolated NWS significant level data is presented in

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Table 4. Estimates of the RMS errors in thermodynamic quantities of AVE/VAS rawinsonde data.

| Parameter | Approximate RMS Error |
|-------------------|---------------------------------------------------------------------------------------------------|
| Temperature | 0.5°C (Fuelberg's value is 1°C) |
| Pressure | 1.3 mb from surface to 400 mb; 1.1 mb between 400 and 100 mb; 0.7 mb between 100 and 10 mb. |
| Humidity | 10 percent |
| Pressure Altitude | 10 gpm at 500 mb; 20 gpm at 300 mb; 50 gpm at 50 mb. |

Table 5. Estimates of RMS errors in AVE/VAS rawinsonde wind data.

| Pressure | RMS errors (m s^{-1}) in speed | | RMS errors (deg) in direction | |
|----------|-------------------------------------------|------------|-------------------------------|------------|
| | 10 deg el. | 40 deg el. | 10 deg el. | 40 deg el. |
| 700 | 2.5 | 0.5 | 9.5 | 1.3 |
| 500 | 4.5 | 0.8 | 13.4 | 1.8 |
| 300 | 7.8 | 1.0 | 18.0 | 2.5 |

Table 6. Example of contact sounding data for AVE/VAS IV.

| STATION NO. 155 11. 0 | | | | | | | | | | | | | | |
|-----------------------|------|--------|-------|-------|--------|-------|-------|--------|--------|-------|-------|--------|-------|-------|
| CROWELL, TEXAS | | | | | | | | | | | | | | |
| 24 APRIL 1962 | | | | | | | | | | | | | | |
| 1110 GMT | | | | | | | | | | | | | | |
| TIME | ONCT | HEIGHT | PRES | TEMP | DEW PT | DIR | SPEED | U COMP | V COMP | POT | E POT | MX RIO | RH | RANGE |
| MIN | | GPM | MB | DEG C | DEG C | DG | M/SEC | M/SEC | M/SEC | DG K | DG K | GM/KG | PCT | NM |
| 0.0 | 9.5 | 449.9 | 982.4 | 11.3 | 7.2 | 220.0 | 3.1 | 2.0 | 2.4 | 287.6 | 305.0 | 6.7 | 76.0 | 0.0 |
| 0.1 | 10.0 | 488.1 | 958.0 | 11.1 | 99.9 | 155.5 | 8.5 | -3.5 | 7.8 | 287.7 | 305.9 | 99.9 | 999.9 | 0.2 |
| 0.4 | 11.0 | 584.3 | 947.0 | 10.1 | 7.1 | 155.5 | 8.5 | -3.5 | 7.8 | 287.7 | 305.2 | 6.7 | 81.4 | 0.2 |
| 0.8 | 12.0 | 681.6 | 936.0 | 9.6 | 6.4 | 177.9 | 9.3 | -0.3 | 9.3 | 288.1 | 305.1 | 6.5 | 80.6 | 0.4 |
| 1.2 | 13.0 | 779.3 | 925.0 | 9.8 | 6.2 | 200.0 | 11.0 | 3.8 | 10.4 | 289.3 | 306.1 | 6.4 | 78.2 | 0.4 |
| 1.5 | 14.0 | 879.4 | 914.0 | 9.6 | 6.5 | 212.6 | 12.5 | 6.7 | 10.6 | 290.1 | 307.6 | 6.6 | 80.8 | 0.6 |
| 1.9 | 15.0 | 970.8 | 904.0 | 9.2 | 6.8 | 219.7 | 10.9 | 7.0 | 9.4 | 290.7 | 308.8 | 6.9 | 84.6 | 1.1 |
| 2.3 | 16.0 | 1063.1 | 894.0 | 8.9 | 7.0 | 220.4 | 10.0 | 6.5 | 8.1 | 291.2 | 309.9 | 6.8 | 88.2 | 1.3 |
| 2.7 | 17.0 | 1165.6 | 883.0 | 8.0 | 6.3 | 216.1 | 10.0 | 5.9 | 8.1 | 291.3 | 309.3 | 6.8 | 89.0 | 1.5 |
| 3.1 | 18.0 | 1259.7 | 873.0 | 7.3 | 5.8 | 214.5 | 10.7 | 6.1 | 8.8 | 291.5 | 309.2 | 6.7 | 90.5 | 1.7 |
| 3.4 | 19.0 | 1364.2 | 862.0 | 6.7 | 5.6 | 222.6 | 11.1 | 7.5 | 8.2 | 292.0 | 309.7 | 6.7 | 92.7 | 2.0 |
| 3.8 | 20.0 | 1460.2 | 852.0 | 6.7 | 5.6 | 235.7 | 10.3 | 8.5 | 5.8 | 293.0 | 311.0 | 6.7 | 92.7 | 2.2 |
| 4.3 | 21.0 | 1567.2 | 841.0 | 6.9 | 5.8 | 240.0 | 9.8 | 8.5 | 4.9 | 294.3 | 312.9 | 6.9 | 93.0 | 2.4 |
| 4.8 | 22.0 | 1665.6 | 831.0 | 7.1 | 6.0 | 230.9 | 10.8 | 8.3 | 6.7 | 295.5 | 314.5 | 7.1 | 92.3 | 2.7 |
| 5.2 | 23.0 | 1765.5 | 821.0 | 6.6 | 5.5 | 226.6 | 11.9 | 8.7 | 8.2 | 296.9 | 314.6 | 7.1 | 92.3 | 3.0 |
| 5.6 | 24.0 | 1876.3 | 810.0 | 6.0 | 5.0 | 225.7 | 12.9 | 9.3 | 9.0 | 298.5 | 314.9 | 6.8 | 92.7 | 3.3 |
| 6.0 | 25.0 | 1978.2 | 800.0 | 5.2 | 4.2 | 225.1 | 13.1 | 9.1 | 9.1 | 298.7 | 315.2 | 6.5 | 93.3 | 3.6 |
| 6.4 | 26.0 | 2081.1 | 780.0 | 5.0 | 4.0 | 221.8 | 13.1 | 8.8 | 9.8 | 297.6 | 314.3 | 6.1 | 93.0 | 3.9 |
| 6.8 | 27.0 | 2174.7 | 761.0 | 4.1 | 3.1 | 220.0 | 13.6 | 8.8 | 10.4 | 297.6 | 314.4 | 6.1 | 92.8 | 4.2 |
| 7.1 | 28.0 | 2290.2 | 770.0 | 3.6 | 2.6 | 219.5 | 12.9 | 8.7 | 10.5 | 298.3 | 314.8 | 6.0 | 92.8 | 4.5 |
| 7.5 | 29.0 | 2398.4 | 760.0 | 3.0 | 1.9 | 219.8 | 12.9 | 8.2 | 9.9 | 298.7 | 315.4 | 5.8 | 92.5 | 4.8 |
| 7.9 | 30.0 | 2503.9 | 750.0 | 2.6 | 1.6 | 217.2 | 12.7 | 7.7 | 10.1 | 299.5 | 315.4 | 5.7 | 92.7 | 5.1 |
| 8.2 | 31.0 | 2601.5 | 741.0 | 1.7 | 0.5 | 214.4 | 12.4 | 7.0 | 10.2 | 299.4 | 315.4 | 5.4 | 92.2 | 5.3 |
| 8.6 | 32.0 | 2711.3 | 731.0 | 1.7 | 0.5 | 210.7 | 11.7 | 6.0 | 10.1 | 299.4 | 315.4 | 5.4 | 92.2 | 5.6 |
| 9.0 | 33.0 | 2822.3 | 721.0 | 0.8 | -0.3 | 208.9 | 10.4 | 5.0 | 9.1 | 300.6 | 315.5 | 5.2 | 92.0 | 5.9 |
| 9.4 | 34.0 | 2933.4 | 712.0 | 0.4 | -0.8 | 212.8 | 9.8 | 5.3 | 8.3 | 301.3 | 315.7 | 5.1 | 91.8 | 6.1 |
| 9.8 | 35.0 | 3036.6 | 702.0 | -1.4 | -5.7 | 219.8 | 9.7 | 6.2 | 7.4 | 301.7 | 310.9 | 3.8 | 72.6 | 6.3 |
| 10.2 | 36.0 | 3139.5 | 693.0 | -1.4 | -9.2 | 228.4 | 10.7 | 7.5 | 6.6 | 301.8 | 309.9 | 2.1 | 55.3 | 6.6 |
| 10.6 | 37.0 | 3255.3 | 683.0 | -1.6 | -12.8 | 236.9 | 10.7 | 9.0 | 5.8 | 302.9 | 309.2 | 2.1 | 42.0 | 6.8 |
| 11.0 | 38.0 | 3380.9 | 674.0 | -1.7 | -25.2 | 244.9 | 11.7 | 10.5 | 5.1 | 303.9 | 305.2 | 0.7 | 14.5 | 7.1 |
| 11.4 | 39.0 | 3467.8 | 665.0 | -1.7 | -30.3 | 246.9 | 12.7 | 11.9 | 4.6 | 305.0 | 305.6 | 0.5 | 9.1 | 7.3 |
| 11.8 | 40.0 | 3588.2 | 655.0 | -2.3 | -28.3 | 252.8 | 13.4 | 12.8 | 4.0 | 305.7 | 307.5 | 0.5 | 11.5 | 7.6 |
| 12.2 | 41.0 | 3697.8 | 646.0 | -3.3 | -27.0 | 255.7 | 14.0 | 13.6 | 3.5 | 305.8 | 307.5 | 0.6 | 13.9 | 7.9 |
| 12.7 | 42.0 | 3820.9 | 636.0 | -4.5 | -26.6 | 257.0 | 15.1 | 14.7 | 3.4 | 306.2 | 308.0 | 0.7 | 15.7 | 8.2 |
| 13.1 | 43.0 | 3932.9 | 627.0 | -5.2 | -24.7 | 256.1 | 16.3 | 15.8 | 3.9 | 306.2 | 308.8 | 0.8 | 19.9 | 8.5 |
| 13.5 | 44.0 | 4046.2 | 618.0 | -6.2 | -24.2 | 254.7 | 17.2 | 16.6 | 4.5 | 306.2 | 309.0 | 0.9 | 22.6 | 8.9 |
| 13.9 | 45.0 | 4160.8 | 609.0 | -6.9 | -30.1 | 253.6 | 17.0 | 18.1 | 4.8 | 306.8 | 308.5 | 0.5 | 13.7 | 9.2 |
| 14.4 | 46.0 | 4276.7 | 600.0 | -7.9 | -32.9 | 251.5 | 17.3 | 16.3 | 5.4 | 307.1 | 308.3 | 0.4 | 11.2 | 9.7 |
| 14.8 | 47.0 | 4394.0 | 591.0 | -8.8 | -33.3 | 249.8 | 17.5 | 16.2 | 6.0 | 307.3 | 308.6 | 0.4 | 12.0 | 10.1 |
| 15.3 | 48.0 | 4512.6 | 582.0 | -9.8 | -34.3 | 248.8 | 17.8 | 16.2 | 6.3 | 307.4 | 308.6 | 0.4 | 11.2 | 10.6 |
| 15.7 | 49.0 | 4630.2 | 572.0 | -10.8 | -36.7 | 248.6 | 17.8 | 16.6 | 6.5 | 307.5 | 308.6 | 0.3 | 9.7 | 11.0 |
| 16.2 | 50.0 | 4740.4 | 565.0 | -11.8 | -37.4 | 248.6 | 18.1 | 16.9 | 6.8 | 307.7 | 308.6 | 0.3 | 9.8 | 11.5 |
| 16.6 | 51.0 | 4863.1 | 555.0 | -12.8 | -37.0 | 248.6 | 18.0 | 16.8 | 8.6 | 307.9 | 308.9 | 0.3 | 11.0 | 11.9 |
| 17.1 | 52.0 | 4987.3 | 547.0 | -14.1 | -42.3 | 247.1 | 18.1 | 16.7 | 8.0 | 307.9 | 308.9 | 0.2 | 12.2 | 12.5 |
| 17.5 | 53.0 | 5098.9 | 539.0 | -16.8 | -42.3 | 244.6 | 18.7 | 16.9 | 8.0 | 308.4 | 308.9 | 0.2 | 12.2 | 12.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

** BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

*** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

*** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

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Table 6. Continued.

STATION NO. 1
CROWELL, TEXAS
24 APRIL 1982
1110 GMT

| TIME MIN | ONCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POI T DG K | E POI T DG K | MX RIO GM/KG | RH PCT | RANGE NM | AZ DG |
|-------------|------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 18.0 | 54.0 | 5226.4 | 530.0 | -14.8 | -40.1 | 240.1 | 20.1 | 17.5 | 10.0 | 309.8 | 310.6 | 0.2 | 9.4 | 13.5 | 54 |
| 18.4 | 55.0 | 5341.4 | 522.0 | -15.5 | -28.4 | 236.5 | 21.2 | 17.7 | 11.7 | 310.4 | 312.6 | 0.7 | 31.8 | 13.0 | 54 |
| 18.9 | 56.0 | 5457.8 | 514.0 | -16.6 | -25.2 | 232.5 | 21.5 | 17.1 | 13.1 | 310.4 | 313.5 | 1.0 | 47.0 | 14.6 | 54 |
| 19.4 | 57.0 | 5590.4 | 505.0 | -17.4 | -28.6 | 229.3 | 21.1 | 16.0 | 13.7 | 311.6 | 313.3 | 0.7 | 36.6 | 15.3 | 54 |
| 19.8 | 58.0 | 5709.9 | 497.0 | -18.1 | -33.5 | 227.4 | 20.3 | 14.9 | 13.1 | 312.3 | 313.4 | 0.4 | 24.3 | 15.7 | 54 |
| 20.3 | 59.0 | 5831.0 | 489.0 | -18.6 | -37.1 | 225.7 | 19.6 | 14.0 | 13.7 | 312.3 | 313.4 | 0.3 | 17.7 | 16.3 | 54 |
| 20.7 | 60.0 | 5953.9 | 481.0 | -19.4 | -29.9 | 224.2 | 19.6 | 13.7 | 14.0 | 312.3 | 315.0 | 0.7 | 38.7 | 16.8 | 54 |
| 21.3 | 61.0 | 6078.3 | 473.0 | -20.4 | -27.5 | 222.0 | 20.5 | 13.7 | 15.2 | 313.2 | 315.9 | 0.8 | 52.5 | 17.5 | 53 |
| 21.7 | 62.0 | 6204.4 | 465.0 | -21.6 | -26.3 | 220.5 | 21.3 | 13.9 | 16.2 | 313.2 | 316.3 | 1.0 | 65.4 | 18.0 | 53 |
| 22.2 | 63.0 | 6332.2 | 457.0 | -22.1 | -23.8 | 218.6 | 21.7 | 13.5 | 17.0 | 314.1 | 319.0 | 1.2 | 86.0 | 18.8 | 52 |
| 22.7 | 64.0 | 6462.1 | 449.0 | -22.4 | -25.0 | 216.7 | 21.1 | 12.6 | 18.9 | 315.3 | 319.0 | 1.1 | 79.1 | 19.3 | 52 |
| 23.2 | 65.0 | 6594.0 | 441.0 | -23.3 | -27.3 | 215.2 | 20.6 | 11.9 | 16.6 | 315.8 | 318.6 | 0.9 | 69.6 | 19.9 | 51 |
| 23.7 | 66.0 | 6710.9 | 434.0 | -24.2 | -29.5 | 213.7 | 20.3 | 11.9 | 16.9 | 316.2 | 318.7 | 0.8 | 61.3 | 20.4 | 51 |
| 24.2 | 67.0 | 6846.3 | 426.0 | -25.4 | -30.3 | 212.5 | 22.2 | 13.0 | 17.8 | 316.6 | 319.0 | 0.7 | 65.8 | 21.0 | 50 |
| 24.7 | 68.0 | 6983.6 | 418.0 | -26.5 | -32.8 | 211.5 | 22.2 | 12.9 | 18.1 | 317.1 | 319.2 | 0.6 | 70.2 | 21.7 | 50 |
| 25.2 | 69.0 | 7105.5 | 411.0 | -27.3 | -35.4 | 210.3 | 22.5 | 12.0 | 18.3 | 317.6 | 319.2 | 0.5 | 59.2 | 22.3 | 50 |
| 25.7 | 70.0 | 7229.1 | 404.0 | -28.1 | -38.1 | 209.1 | 22.5 | 12.7 | 18.5 | 318.1 | 319.2 | 0.3 | 49.2 | 23.0 | 49 |
| 26.2 | 71.0 | 7372.4 | 396.0 | -29.1 | -40.3 | 207.9 | 22.5 | 13.0 | 18.2 | 318.6 | 319.0 | 0.1 | 38.5 | 23.6 | 49 |
| 26.7 | 72.0 | 7499.5 | 389.0 | -30.3 | -42.4 | 206.6 | 22.9 | 13.7 | 18.4 | 319.0 | 319.0 | 0.1 | 16.9 | 24.3 | 48 |
| 27.2 | 73.0 | 7628.5 | 382.0 | -31.2 | -44.8 | 205.4 | 23.0 | 14.6 | 19.1 | 319.0 | 319.0 | 0.1 | 17.9 | 25.0 | 48 |
| 27.7 | 74.0 | 7759.2 | 375.0 | -32.4 | -46.9 | 204.2 | 23.5 | 14.4 | 18.6 | 319.0 | 319.0 | 0.1 | 24.5 | 25.6 | 47 |
| 28.2 | 75.0 | 7910.9 | 367.0 | -33.6 | -48.5 | 203.0 | 24.0 | 13.3 | 16.9 | 319.1 | 319.8 | 0.2 | 32.5 | 26.9 | 47 |
| 28.6 | 76.0 | 8026.3 | 361.0 | -34.7 | -50.4 | 201.8 | 24.5 | 13.0 | 15.2 | 319.5 | 320.2 | 0.2 | 39.7 | 27.6 | 47 |
| 29.2 | 77.0 | 8162.7 | 354.0 | -35.8 | -52.1 | 200.6 | 25.0 | 12.8 | 14.7 | 320.1 | 320.9 | 0.2 | 38.5 | 28.1 | 47 |
| 29.6 | 78.0 | 8301.2 | 347.0 | -37.2 | -54.2 | 200.1 | 25.5 | 12.5 | 14.2 | 320.3 | 320.6 | 0.2 | 37.1 | 28.7 | 47 |
| 30.2 | 79.0 | 8441.8 | 340.0 | -38.1 | -56.1 | 200.1 | 26.0 | 12.5 | 14.5 | 320.3 | 320.6 | 0.2 | 35.9 | 29.3 | 47 |
| 30.7 | 80.0 | 8584.7 | 333.0 | -39.3 | -58.9 | 200.8 | 26.5 | 12.5 | 14.5 | 320.7 | 320.9 | 0.2 | 34.7 | 30.0 | 47 |
| 31.3 | 81.0 | 8709.0 | 327.0 | -40.2 | -61.5 | 200.1 | 27.0 | 12.4 | 15.1 | 320.9 | 320.9 | 0.2 | 33.5 | 30.6 | 46 |
| 31.8 | 82.0 | 8856.2 | 320.0 | -41.5 | -64.2 | 200.1 | 27.5 | 12.4 | 15.1 | 321.1 | 321.1 | 0.2 | 32.3 | 31.2 | 46 |
| 32.3 | 83.0 | 8984.3 | 314.0 | -42.6 | -66.9 | 200.1 | 28.0 | 12.7 | 15.2 | 321.1 | 321.1 | 0.2 | 31.1 | 31.9 | 46 |
| 32.9 | 84.0 | 9136.2 | 307.0 | -43.6 | -69.9 | 200.1 | 28.5 | 12.7 | 15.2 | 321.1 | 321.1 | 0.2 | 29.9 | 32.5 | 46 |
| 33.5 | 85.0 | 9268.8 | 301.0 | -44.3 | -72.4 | 200.1 | 29.0 | 11.5 | 14.4 | 322.5 | 322.5 | 0.2 | 28.7 | 33.0 | 46 |
| 34.0 | 86.0 | 9403.5 | 295.0 | -45.0 | -75.0 | 200.1 | 29.5 | 11.7 | 14.4 | 323.5 | 323.5 | 0.2 | 27.5 | 33.5 | 46 |
| 34.6 | 87.0 | 9540.6 | 289.0 | -45.7 | -77.7 | 200.1 | 30.0 | 11.7 | 14.4 | 324.4 | 324.4 | 0.2 | 26.3 | 34.0 | 46 |
| 35.1 | 88.0 | 9703.7 | 282.0 | -46.6 | -80.4 | 200.1 | 30.5 | 11.7 | 14.4 | 325.4 | 325.4 | 0.2 | 25.1 | 34.5 | 46 |
| 35.7 | 89.0 | 9846.2 | 276.0 | -47.2 | -83.1 | 200.1 | 31.0 | 11.7 | 14.4 | 326.4 | 326.4 | 0.2 | 23.9 | 35.0 | 47 |
| 36.2 | 90.0 | 9991.4 | 270.0 | -48.2 | -85.8 | 200.1 | 31.5 | 11.7 | 14.4 | 327.4 | 327.4 | 0.2 | 22.7 | 35.5 | 47 |
| 36.7 | 91.0 | 10114.1 | 265.0 | -49.7 | -88.5 | 200.1 | 32.0 | 11.7 | 14.4 | 328.4 | 328.4 | 0.2 | 21.5 | 36.0 | 47 |
| 37.2 | 92.0 | 10263.8 | 259.0 | -50.4 | -91.2 | 200.1 | 32.5 | 11.7 | 14.4 | 329.4 | 329.4 | 0.2 | 20.3 | 36.5 | 47 |
| 37.7 | 93.0 | 10416.3 | 253.0 | -51.4 | -93.9 | 200.1 | 33.0 | 11.7 | 14.4 | 330.4 | 330.4 | 0.2 | 19.1 | 37.0 | 47 |
| 38.2 | 94.0 | 10572.1 | 247.0 | -52.0 | -96.6 | 200.1 | 33.5 | 11.7 | 14.4 | 331.4 | 331.4 | 0.2 | 17.9 | 37.5 | 47 |
| 38.7 | 95.0 | 10704.2 | 242.0 | -53.2 | -99.3 | 200.1 | 34.0 | 11.7 | 14.4 | 332.4 | 332.4 | 0.2 | 16.7 | 38.0 | 48 |
| 39.2 | 96.0 | 10865.6 | 236.0 | -54.0 | -102.0 | 200.1 | 34.5 | 11.7 | 14.4 | 333.4 | 333.4 | 0.2 | 15.5 | 38.5 | 48 |
| 39.7 | 97.0 | 11002.7 | 231.0 | -55.2 | -104.7 | 200.1 | 35.0 | 11.7 | 14.4 | 334.4 | 334.4 | 0.2 | 14.3 | 39.0 | 48 |
| 40.2 | 98.0 | 11142.1 | 226.0 | -56.2 | -107.4 | 200.1 | 35.5 | 11.7 | 14.4 | 335.4 | 335.4 | 0.2 | 13.1 | 39.5 | 48 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

Table 6. Continued.

| STATION NO. 1 CROWELL, TEXAS 24 APRIL 1982 1110 GMT | | | | | | | | | | | | | | | 155 11. 0 | |
|--------------------------------------------------------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|-----------|--|
| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG | |
| 40.5 | 99.0 | 11312.8 | 220.0 | -55.8 | 99.9 | 233.3 | 25.1 | 20.9 | 15.6 | 333.6 | 999.9 | 99.9 | 999.9 | 41.0 | 48. | |
| 41.0 | 100.0 | 11458.5 | 215.0 | -55.8 | 99.9 | 241.1 | 20.5 | 18.2 | 10.1 | 335.8 | 999.9 | 99.9 | 999.9 | 41.6 | 48. | |
| 41.5 | 101.0 | 11607.7 | 210.0 | -56.5 | 99.9 | 248.6 | 22.4 | 20.6 | 8.2 | 338.6 | 999.9 | 99.9 | 999.9 | 42.2 | 49. | |
| 42.0 | 102.0 | 11761.2 | 205.0 | -55.7 | 99.9 | 252.5 | 22.5 | 21.7 | 7.3 | 343.2 | 999.9 | 99.9 | 999.9 | 42.9 | 49. | |
| 42.6 | 103.0 | 11918.7 | 200.0 | -55.7 | 99.9 | 254.0 | 22.5 | 21.7 | 6.2 | 344.6 | 999.9 | 99.9 | 999.9 | 43.7 | 50. | |
| 43.2 | 104.0 | 12047.5 | 196.0 | -55.0 | 99.9 | 250.6 | 23.0 | 21.7 | 7.6 | 348.9 | 999.9 | 99.9 | 999.9 | 44.4 | 50. | |
| 43.9 | 105.0 | 12245.9 | 190.0 | -55.5 | 99.9 | 245.2 | 27.8 | 25.2 | 11.6 | 350.8 | 999.9 | 99.9 | 999.9 | 45.4 | 50. | |
| 44.4 | 106.0 | 12381.7 | 186.0 | -55.5 | 99.9 | 243.6 | 30.5 | 27.3 | 13.8 | 352.1 | 999.9 | 99.9 | 999.9 | 46.2 | 51. | |
| 44.8 | 107.0 | 12555.7 | 181.0 | -54.8 | 99.9 | 244.2 | 28.5 | 26.6 | 12.8 | 356.0 | 999.9 | 99.9 | 999.9 | 47.0 | 51. | |
| 45.4 | 108.0 | 12735.1 | 176.0 | -54.2 | 99.9 | 247.1 | 25.2 | 23.2 | 9.8 | 359.9 | 999.9 | 99.9 | 999.9 | 47.9 | 51. | |
| 45.9 | 109.0 | 12982.6 | 172.0 | -54.0 | 99.9 | 248.3 | 24.2 | 22.5 | 9.0 | 362.5 | 999.9 | 99.9 | 999.9 | 48.6 | 51. | |
| 46.4 | 110.0 | 13033.6 | 168.0 | -54.2 | 99.9 | 248.2 | 25.2 | 23.4 | 9.4 | 364.7 | 999.9 | 99.9 | 999.9 | 49.3 | 52. | |
| 47.0 | 111.0 | 13227.9 | 163.0 | -52.9 | 99.9 | 250.7 | 22.6 | 21.3 | 7.5 | 370.0 | 999.9 | 99.9 | 999.9 | 50.2 | 52. | |
| 47.7 | 112.0 | 13388.0 | 159.0 | -53.6 | 99.9 | 253.9 | 20.1 | 19.3 | 5.6 | 371.6 | 999.9 | 99.9 | 999.9 | 51.0 | 52. | |
| 48.3 | 113.0 | 13551.8 | 155.0 | -53.6 | 99.9 | 250.7 | 24.2 | 22.8 | 8.0 | 374.3 | 999.9 | 99.9 | 999.9 | 51.7 | 53. | |
| 48.8 | 114.0 | 13720.1 | 151.0 | -53.2 | 99.9 | 249.5 | 26.9 | 25.2 | 9.4 | 377.6 | 999.9 | 99.9 | 999.9 | 52.5 | 53. | |
| 49.4 | 115.0 | 13936.7 | 146.0 | -54.2 | 99.9 | 252.6 | 25.7 | 24.5 | 7.7 | 380.2 | 999.9 | 99.9 | 999.9 | 53.4 | 53. | |
| 50.0 | 116.0 | 14115.0 | 142.0 | -54.9 | 99.9 | 260.6 | 21.8 | 21.5 | 3.6 | 382.7 | 999.9 | 99.9 | 999.9 | 54.2 | 53. | |
| 50.6 | 117.0 | 14251.7 | 139.0 | -55.0 | 99.9 | 256.3 | 25.7 | 25.0 | 6.1 | 383.6 | 999.9 | 99.9 | 999.9 | 54.9 | 54. | |
| 51.1 | 118.0 | 14338.2 | 135.0 | -55.3 | 99.9 | 249.9 | 28.5 | 26.8 | 9.8 | 386.2 | 999.9 | 99.9 | 999.9 | 55.7 | 54. | |
| 51.6 | 119.0 | 14629.6 | 131.0 | -56.3 | 99.9 | 245.3 | 25.0 | 22.7 | 10.5 | 387.8 | 999.9 | 99.9 | 999.9 | 56.5 | 54. | |
| 52.2 | 120.0 | 14826.6 | 127.0 | -56.3 | 99.9 | 243.5 | 21.2 | 19.0 | 9.5 | 391.2 | 999.9 | 99.9 | 999.9 | 57.3 | 54. | |
| 52.8 | 121.0 | 14978.2 | 124.0 | -57.0 | 99.9 | 247.0 | 23.7 | 21.8 | 9.3 | 392.7 | 999.9 | 99.9 | 999.9 | 58.1 | 55. | |
| 53.4 | 122.0 | 15185.5 | 120.0 | -57.5 | 99.9 | 250.6 | 25.6 | 24.2 | 8.5 | 395.5 | 999.9 | 99.9 | 999.9 | 59.0 | 55. | |
| 54.1 | 123.0 | 15345.3 | 117.0 | -57.8 | 99.9 | 250.4 | 26.8 | 25.2 | 9.0 | 397.7 | 999.9 | 99.9 | 999.9 | 60.0 | 55. | |
| 54.7 | 124.0 | 15564.2 | 113.0 | -57.7 | 99.9 | 251.4 | 26.5 | 25.1 | 8.4 | 402.0 | 999.9 | 99.9 | 999.9 | 61.0 | 55. | |
| 55.3 | 125.0 | 15734.3 | 110.0 | -58.5 | 99.9 | 255.0 | 24.5 | 23.7 | 6.4 | 403.5 | 999.9 | 99.9 | 999.9 | 61.8 | 56. | |
| 55.9 | 126.0 | 15966.7 | 106.0 | -59.4 | 99.9 | 257.6 | 22.5 | 22.0 | 4.8 | 406.1 | 999.9 | 99.9 | 999.9 | 62.6 | 56. | |
| 56.6 | 127.0 | 16145.9 | 103.0 | -60.6 | 99.9 | 261.4 | 19.1 | 18.9 | 2.9 | 407.1 | 999.9 | 99.9 | 999.9 | 63.4 | 56. | |
| 57.3 | 128.0 | 16329.6 | 100.0 | -61.4 | 99.9 | 259.7 | 20.4 | 20.1 | 3.7 | 409.2 | 999.9 | 99.9 | 999.9 | 64.1 | 57. | |
| 57.9 | 129.0 | 16518.5 | 97.0 | -61.4 | 99.9 | 259.5 | 21.2 | 20.9 | 3.9 | 412.7 | 999.9 | 99.9 | 999.9 | 64.9 | 57. | |
| 58.6 | 130.0 | 16713.3 | 94.0 | -61.6 | 99.9 | 257.5 | 22.3 | 21.8 | 4.9 | 416.1 | 999.9 | 99.9 | 999.9 | 65.7 | 57. | |
| 59.3 | 131.0 | 16982.8 | 90.0 | -61.6 | 99.9 | 256.6 | 17.9 | 17.4 | 4.1 | 421.3 | 999.9 | 99.9 | 999.9 | 66.6 | 57. | |
| 60.0 | 132.0 | 17122.1 | 88.0 | -61.6 | 99.9 | 257.4 | 9.6 | 9.4 | 2.1 | 424.0 | 999.9 | 99.9 | 999.9 | 67.1 | 57. | |
| 60.7 | 133.0 | 17337.6 | 85.0 | -60.6 | 99.9 | 246.8 | 11.1 | 10.2 | 4.4 | 430.1 | 999.9 | 99.9 | 999.9 | 67.5 | 58. | |
| 61.4 | 134.0 | 17561.2 | 82.0 | -60.6 | 99.9 | 241.3 | 13.4 | 11.7 | 6.4 | 434.5 | 999.9 | 99.9 | 999.9 | 68.0 | 58. | |
| 62.2 | 135.0 | 17793.5 | 79.0 | -60.1 | 99.9 | 241.4 | 15.1 | 13.3 | 7.2 | 440.3 | 999.9 | 99.9 | 999.9 | 68.7 | 58. | |
| 62.8 | 136.0 | 18034.5 | 76.0 | -61.2 | 99.9 | 245.2 | 13.4 | 12.2 | 5.6 | 442.9 | 999.9 | 99.9 | 999.9 | 69.2 | 58. | |
| 63.7 | 137.0 | 18284.2 | 73.0 | -61.7 | 99.9 | 263.4 | 6.7 | 6.7 | 0.8 | 446.9 | 999.9 | 99.9 | 999.9 | 69.8 | 58. | |
| 64.5 | 138.0 | 18455.8 | 71.0 | -62.9 | 99.9 | 264.6 | 7.1 | 7.1 | 0.7 | 448.1 | 999.9 | 99.9 | 999.9 | 70.5 | 58. | |
| 65.3 | 139.0 | 18721.2 | 68.0 | -63.6 | 99.9 | 243.4 | 12.8 | 11.4 | 5.7 | 452.0 | 999.9 | 99.9 | 999.9 | 71.2 | 58. | |
| 66.1 | 140.0 | 18904.7 | 65.0 | -63.1 | 99.9 | 235.8 | 17.7 | 14.6 | 10.0 | 457.1 | 999.9 | 99.9 | 999.9 | 72.2 | 58. | |
| 66.9 | 141.0 | 19191.5 | 63.0 | -62.3 | 99.9 | 233.2 | 16.0 | 12.8 | 9.6 | 464.1 | 999.9 | 99.9 | 999.9 | 72.4 | 58. | |
| 67.8 | 142.0 | 19492.8 | 60.0 | -62.3 | 99.9 | 53.5 | 8.0 | -6.5 | -4.8 | 471.5 | 999.9 | 99.9 | 999.9 | 72.7 | 58. | |
| 68.6 | 143.0 | 19702.5 | 58.0 | -61.7 | 99.9 | 39.3 | 10.7 | -6.7 | -8.2 | 477.3 | 999.9 | 99.9 | 999.9 | 71.7 | 58. | |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

** BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

Table 6. Concluded.

| STATION NO. 1 CROWELL, TEXAS | | | | | | | | | | | | | |
|---------------------------------|-------|---------|------|-------|--------|-------|-------|--------|--------|-------|---------|--------|-------|
| 24 APRIL 1982 | | | | | | | | | | | | | |
| 1110 GMT | | | | | | | | | | | | | |
| TIME | ENTCT | HEIGHT | PRES | TEMP | DEW PT | DIR | SPEED | U COMP | V COMP | POT T | E POT T | MX RTO | RH |
| MIN | | GPM | MB | DG C | DG C | DG | M/SEC | M/SEC | M/SEC | DG K | DG K | GM/KG | PCT |
| | | | | | | | | | | | | | |
| 69.4 | 144.0 | 20031.5 | 55.0 | -61.6 | 99.9 | 312.2 | 3.1 | 2.3 | -2.1 | 485.0 | 999.9 | 99.9 | 999.9 |
| 70.3 | 145.0 | 20281.1 | 53.0 | -61.6 | 99.9 | 357.7 | 2.2 | 0.1 | -2.2 | 490.2 | 999.9 | 99.9 | 999.9 |
| 71.3 | 146.0 | 20500.3 | 51.0 | -60.1 | 99.9 | 286.1 | 3.6 | 3.5 | -1.0 | 499.0 | 999.9 | 99.9 | 999.9 |
| 72.3 | 147.0 | 20879.9 | 48.0 | -58.7 | 99.9 | 258.0 | 5.1 | 5.0 | 1.1 | 511.1 | 999.9 | 99.9 | 999.9 |
| 73.2 | 148.0 | 21148.1 | 46.0 | -57.3 | 99.9 | 253.8 | 1.7 | 1.6 | 0.5 | 520.7 | 999.9 | 99.9 | 999.9 |
| 74.2 | 149.0 | 21573.9 | 43.0 | -57.8 | 99.9 | 238.5 | 7.1 | 6.0 | 3.7 | 528.6 | 999.9 | 99.9 | 999.9 |
| 75.3 | 150.0 | 21874.9 | 41.0 | -57.0 | 99.9 | 238.5 | 5.3 | 4.5 | 2.8 | 538.9 | 999.9 | 99.9 | 999.9 |
| 76.3 | 151.0 | 22191.8 | 39.0 | -56.7 | 99.9 | 58.5 | 0.6 | -0.5 | -0.3 | 547.5 | 999.9 | 99.9 | 999.9 |
| 77.4 | 152.0 | 22525.2 | 37.0 | -57.2 | 99.9 | 52.7 | 1.8 | -1.6 | -1.0 | 554.6 | 999.9 | 99.9 | 999.9 |
| 78.6 | 153.0 | 23062.5 | 34.0 | -55.3 | 99.9 | 49.0 | 2.3 | -1.8 | -1.4 | 572.9 | 999.9 | 99.9 | 999.9 |
| 79.8 | 154.0 | 23450.0 | 32.0 | -54.5 | 99.9 | 55.8 | 6.0 | -6.0 | -5.2 | 585.1 | 999.9 | 99.9 | 999.9 |
| 81.2 | 155.0 | 23862.7 | 30.0 | -55.2 | 99.9 | 28.9 | 8.4 | -7.0 | -4.7 | 594.3 | 999.9 | 99.9 | 999.9 |
| 82.5 | 156.0 | 24305.2 | 28.0 | -53.2 | 99.9 | 28.9 | 2.6 | -1.3 | -2.3 | 611.5 | 999.9 | 99.9 | 999.9 |
| 84.0 | 157.0 | 25034.7 | 25.0 | -53.6 | 99.9 | 238.7 | 5.7 | 4.8 | 2.9 | 630.7 | 999.9 | 99.9 | 999.9 |
| 85.6 | 158.0 | 25573.1 | 23.0 | -51.8 | 99.9 | 61.6 | 0.5 | -0.4 | -0.2 | 651.0 | 999.9 | 99.9 | 999.9 |
| 87.4 | 159.0 | 26164.7 | 21.0 | -50.4 | 99.9 | 59.8 | 7.8 | -7.3 | -2.9 | 672.3 | 999.9 | 99.9 | 999.9 |
| 89.4 | 160.0 | 27171.7 | 18.0 | -49.8 | 99.9 | 224.0 | 4.7 | -4.1 | -2.4 | 704.6 | 999.9 | 99.9 | 999.9 |
| 91.6 | 161.0 | 27943.4 | 16.0 | -49.1 | 99.9 | 45.0 | 2.1 | 1.5 | 1.5 | 731.2 | 999.9 | 99.9 | 999.9 |
| 94.1 | 162.0 | 29313.4 | 13.0 | -46.7 | 99.9 | 45.0 | 1.1 | -0.8 | -0.8 | 784.1 | 999.9 | 99.9 | 999.9 |
| 97.1 | 163.0 | 30425.3 | 11.0 | -45.1 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 828.2 | 999.9 | 99.9 | 999.9 |

ORIGINAL PAGE IS
OF POOR QUALITY

Table 7. Explanation of column headings of tabulated sounding data for AVE/VAS IV.

| | |
|----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| TIME (MIN) | Time after balloon release. |
| CNTCT | Contact number. |
| HEIGHT (GPM) | Height of corresponding pressure surface in geopotential meters. |
| PRES (MB) | Pressure in millibars. |
| TEMP (DG C) | Ambient temperature in degrees Celsius. NOTE: An asterisk indicates that time from release and/or temperature were linearly interpolated. |
| DEW PT (DG C) | Dew-point temperature in degrees Celsius. |
| DIR (DG) | Wind direction measured clockwise from true north and is the direction from which the wind is blowing. |
| SPEED (M/SEC) | Scalar wind speed in meters per second. NOTE: An asterisk indicates that wind quantities are based on an elevation angle that is between 10° and 6°. A double asterisk indicates that the elevation angle is less than 6°. |
| U COMP (M/SEC) | The E-W wind component, positive toward the east and negative toward the west. |
| V COMP (M/SEC) | The N-S wind component, positive toward the north and negative toward the south. |
| POT T (DG K) | Potential temperature in degrees Kelvin. |
| E POT T (DG K) | Equivalent potential temperature in degrees Kelvin. |
| MX RTO (GM/KG) | Mixing ratio in grams per kilogram. |
| RH (PCT) | Relative humidity in percent. |
| RANGE (KM) | Distance balloon is from release point along a radius vector. |
| AZ (DG) | Direction toward balloon measured clockwise from true north. |

Appendix III. The column headings are identical to those used for the contact data and are described in Table 7. The soundings are arranged by station number beginning with the special stations, and appear in ascending order by time for each station. The first line of each sounding is surface data, followed by data from 1000 to 25 millibars (or to termination) successively. For the 25-mb levels where the pressure is greater than the surface pressure, missing data (nines) are indicated for each quantity. This is also done for 25-mb levels above the sounding termination point.

Information about missing data layers and winds computed from low elevation angles were not available for the 25-mb data interpolated from NWS significant level data.

Table 8 contains a listing of actual sounding launch times and termination pressures for the rawinsonde stations in the special meso- β network.

Contact and 25-mb data are available on magnetic tape from NASA, Space Sciences Laboratory, Atmospheric Sciences Division (ES84), George C. Marshall Space Flight Center, Alabama 35812.

3.5 Soundings with Abnormal Characteristics. Sounding data collected during the AVE/VAS IV experiment were generally of good quality. Five soundings, however, had discrepancies in geopotential height. This could be due to problems with baseline calibration or some other unresolved error. These soundings are listed in Table 9, and the data is presented in Appendix II.

Nine soundings in Appendix I had missing data layers that exceeded the five contact limit. These soundings are listed in Table 10. Because of the possible inaccuracy of linear interpolation of temperature in these soundings, temperatures in the deep missing data layers were not computed. Heights could not be computed above the layer of missing temperatures.

A second copy of the affected soundings is presented in Appendix II. In these soundings the linear interpolation was performed, so they may contain less accurate temperatures and geopotential heights. Other derived quantities (wind direction, speed, u- and v- components and sonde range and azimuth) will be affected by the use of inaccurate geopotential heights in their computations. These soundings should be considered carefully before use.

4. Other Data. Ground temperatures at a depth of 2 cm (approx.) were taken at special stations maintained by TAMU. These measurements were taken immediately after the sounding launch. These temperatures are presented in Table 11.

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Table 8. Launch time (GMT) and termination pressure (mb) for soundings from the AVE/VAS meso- β -scale network.

| Date | 4/24/82 | | | | | 4/25/82 | |
|------------------------------|-------------------------|---------------|-------------------------|-------------------------|---------------|---------------|---------------|
| CROWELL, TX (001) | 1110 11mb | 1400 21mb | 1706 9mb | 2007 13mb | 2309 249mb | 0211 15mb | 0501 8mb |
| HENRIETTA, TX (002) | 1128 58mb | 1413 50mb | 1701 1750 651mb 48mb | 2000 238mb | 2305 58mb | 0200 65mb | 0502 50mb |
| DURANT, OK (003) | 1108 11mb | 1401 12mb | 1700 11mb | 2008 34mb | 2315 33mb | -- | 0537 50mb |
| THROCKMORTON, TX (004) | 1140 9mb | 1403 16mb | 1745 14mb | 2000 21mb | 2309 13mb | 0204 415mb | 0502 14mb |
| DENTON, TX (005) | 1114 15mb | 1410 17mb | 1704 10mb | 2015 9mb | 2305 11mb | 0204 20mb | 0501 11mb |
| ABILENE, TX (006) | 1120 9mb | -- | 1708 12mb | 2016 2105 378mb 41mb | 2300 12mb | 0223 27mb | 0503 23mb |
| ENNIS, TX (007) | 1110 640mb | 1403 49mb | 1700 16mb | 2002 26mb | 2300 11mb | 0200 41mb | 0500 16mb |
| BROWNWOOD, TX (008) | 1106 1155 483mb 12mb | 1400 11mb | 1700 9mb | 2000 15mb | 2300 7mb | 0200 14mb | 0503 14mb |
| HEWITT, TX (009) | 1204 95mb | 1434 24mb | 1713 12mb | 2017 15mb | 2302 11mb | 0256 20mb | 0504 11mb |
| MENARD, TX (010) | 1159 30mb | 1454 32mb | 1747 15mb | 2027 18mb | 2307 16mb | -- | 0538 13mb |
| BURNET, TX (011) | 1120 15mb | 1405 10mb | 1705 70mb | 2000 25mb | 2300 19mb | 0208 19mb | 0503 380mb |
| COLLEGE STATION, TX (012) | 1102 255mb | 1415 205mb | 1707 127mb | 2003 11mb | 2310 13mb | 0237 13mb | 0500 55mb |
| FT. SILL, OK (101) | 1210 26mb | 1430 71mb | 1710 35mb | 2056 52mb | 2316 18mb | 0241 325mb | 0535 51mb |
| POST, TX (102) | 1123 57mb | 1423 48mb | 1728 44mb | 2037 57mb | 2320 59mb | 0215 60mb | 0505 51mb |
| STEPHENVILLE, TX (260) | 1100* 12mb | 1415 27mb | 1715 12mb | 2015 12mb | 2300* 8mb | 0315 16mb | 0615 20mb |

* Data interpolated from NWS significant level data.

Table 9. AVE/VAS IV soundings with abnormal characteristics,

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| Station | | Date/GMT | Explanation |
|---------------------|-------|----------|-------------------------------------------------------|
| Throckmorton, TX | (004) | 24/1140 | Heights 20 m high at 500 mb, 50 m high at 200 mb. |
| Denton, TX | (005) | 24/2015 | Heights 20 m low at 500 mb, 50 m low at 200 mb. |
| Abilene, TX | (006) | 24/2300 | Heights 45 m high at 500 mb, 100 m high at 200 mb. |
| College Station, TX | (012) | 24/1102 | Heights 20 m low at 500 mb. |
| Ft. Sill, OK | (101) | 25/0241 | Heights 30 m high at 500 mb. |

Table 10. AVE/VAS IV soundings with more than five successive contacts
with missing temperatures.

| Station | | Date/GMT | Explanation |
|---------------------|-------|----------|-------------------------|
| Throckmorton, TX | (004) | 25/0502 | Missing data 226-117 mb |
| Hewitt, TX | (009) | 24/1713 | Missing data sfc-932 mb |
| Burnet, TX | (011) | 24/1120 | Missing data 944-791 mb |
| College Station, TX | (012) | 24/1415 | Missing data 586-446 mb |
| College Station, TX | (012) | 25/0237 | Missing data 917-804 mb |
| Albuquerque, NM | (365) | 24/1415 | Missing data 173-147 mb |
| Dodge City, KS | (451) | 25/0515 | Missing data 489-343 mb |
| Denver, CO | (469) | 25/0215 | Missing data 783-689 mb |
| North Platte, NE | (562) | 25/0500 | Missing data 536-423 mb |

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Table 11. Ground temperatures ($^{\circ}\text{C}$) at a depth of 2 cm at special rawinsonde stations on April 24-25 1982.

| Station | Time (GMT) | | | | | | |
|---------------------|------------|------|------|------|------|------|------|
| | 12 | 15 | 18 | 21 | 00 | 03 | 06 |
| Crowell, TX | 14.2 | 15.0 | 19.0 | 24.4 | 23.1 | 18.8 | 16.6 |
| Henrietta, TX | 11.1 | 15.0 | 14.5 | 14.4 | 15.8 | 13.6 | 12.3 |
| Durant, OK | 14.0 | 14.0 | 13.9 | 15.8 | 15.4 | -- | 14.4 |
| Throckmorton, TX | 13.3 | 14.2 | 19.2 | 19.7 | 22.6 | 17.3 | 14.1 |
| Denton, TX | 15.2 | 15.0 | 16.0 | 17.1 | 16.2 | 15.5 | 15.1 |
| Abilene, TX | 12.3 | -- | 14.8 | 16.4 | 15.0 | 14.2 | 13.2 |
| Ennis, TX | 14.1 | 14.1 | 15.2 | -- | 16.8 | 14.9 | 14.7 |
| Brownwood, TX | 14.4 | 14.3 | 16.3 | 18.7 | 17.0 | 15.7 | 15.0 |
| Hewitt, TX | -- | 15.5 | 16.2 | 17.9 | 18.0 | 18.2 | 16.4 |
| Menard, TX | 12.9 | 13.5 | 16.0 | 16.2 | 18.5 | -- | 13.9 |
| Burnet, TX | 16.9 | 20.7 | 25.1 | 16.5 | 16.9 | 16.0 | 15.2 |
| College Station, TX | 15.5 | 14.9 | 15.9 | 17.8 | 18.0 | 16.9 | 16.4 |

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Dr. James R. Scoggins, who directed the field program conducted by TAMU, and the forty student workers who participated in the field work. These people worked long hours under adverse weather conditions to collect data, and later assisted in the coding and processing of the data.

Reference

Fuelberg, H. E., 1974: Reduction and error analysis of the AVE II pilot experiment data. NASA Contractor Report CR-120496. Marshall Space Flight Center, Alabama, 140 pp.

APPENDIX I

AVE/VAS IV Rawinsonde Data

Presented at 25-mb Intervals

STATION NO. 1
CROWELL, TEXAS

24 APRIL 1982
1110 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POI T DG K | E POI T DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0 0 | 9 5 | 449.9 | 962.4 | 11.3 | 7.2 | 220.0 | 3.1 | 2.0 | 2.4 | 287.6 | 305.0 | 6.7 | 76.0 | 0.0 | 0 |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 0.3 | 10.7 | 558.1 | 950.0 | 10.4 | 99.9 | 172.1 | 7.7 | -1.1 | 7.6 | 287.7 | 999.9 | 99.9 | 999.9 | 0.2 | 352 |
| 1.2 | 13.0 | 779.9 | 925.0 | 9.8 | 6.2 | 196.8 | 10.9 | 3.1 | 10.4 | 289.3 | 306.2 | 6.4 | 999.9 | 0.5 | 355 |
| 2.0 | 15.4 | 1007.7 | 900.0 | 9.1 | 6.9 | 218.1 | 10.8 | 6.7 | 8.5 | 290.9 | 309.2 | 7.0 | 86.0 | 1.2 | 15 |
| 3.0 | 17.8 | 1240.9 | 875.0 | 7.4 | 5.9 | 217.5 | 10.5 | 6.4 | 8.4 | 291.5 | 309.2 | 6.7 | 90.2 | 1.7 | 22 |
| 3.9 | 20.2 | 1479.7 | 850.0 | 6.8 | 5.7 | 233.1 | 10.4 | 8.3 | 7.2 | 293.2 | 311.3 | 6.8 | 92.8 | 2.2 | 28 |
| 5.0 | 22.6 | 1725.6 | 825.0 | 6.8 | 5.7 | 229.6 | 11.4 | 8.7 | 6.4 | 295.6 | 314.3 | 7.0 | 92.8 | 2.9 | 35 |
| 6.0 | 25.0 | 1978.2 | 800.0 | 5.2 | 4.2 | 224.2 | 13.0 | 9.0 | 9.3 | 296.7 | 314.3 | 7.0 | 92.8 | 3.6 | 37 |
| 7.0 | 27.5 | 2237.7 | 775.0 | 3.9 | 2.8 | 220.0 | 13.5 | 8.7 | 10.3 | 298.0 | 314.7 | 6.1 | 92.8 | 4.3 | 38 |
| 7.9 | 30.0 | 2503.9 | 750.0 | 2.6 | 1.6 | 216.9 | 12.6 | 7.6 | 10.1 | 299.5 | 315.4 | 5.7 | 92.8 | 5.1 | 38 |
| 8.8 | 32.6 | 2777.5 | 725.0 | 1.2 | 0.0 | 211.1 | 11.0 | 6.7 | 9.4 | 300.8 | 315.6 | 5.3 | 92.8 | 5.8 | 37 |
| 9.9 | 35.2 | 3059.2 | 700.0 | -1.4 | -6.4 | 222.3 | 9.9 | 5.7 | 7.3 | 300.8 | 310.7 | 3.4 | 68.8 | 6.4 | 37 |
| 11.0 | 37.9 | 3349.2 | 675.0 | -1.7 | -23.8 | 242.3 | 11.6 | 10.3 | 5.4 | 303.8 | 306.5 | 0.9 | 17.6 | 7.0 | 36 |
| 12.0 | 40.6 | 3649.1 | 650.0 | -2.9 | -27.6 | 253.9 | 13.8 | 13.3 | 3.8 | 305.7 | 307.7 | 0.6 | 12.8 | 7.7 | 42 |
| 13.2 | 43.2 | 3958.1 | 625.0 | -5.5 | -24.6 | 255.6 | 16.3 | 15.8 | 4.0 | 305.2 | 308.8 | 0.8 | 20.5 | 8.6 | 46 |
| 14.4 | 46.0 | 4276.7 | 600.0 | -7.9 | -32.9 | 251.6 | 17.1 | 16.2 | 5.4 | 307.0 | 308.3 | 0.4 | 11.2 | 9.7 | 49 |
| 15.6 | 48.9 | 4605.9 | 575.0 | -10.7 | -36.4 | 248.8 | 17.8 | 16.5 | 7.1 | 307.5 | 308.5 | 0.3 | 9.9 | 11.0 | 51 |
| 16.9 | 51.7 | 4945.9 | 550.0 | -13.7 | -37.0 | 247.0 | 18.3 | 15.8 | 10.9 | 310.2 | 311.9 | 0.5 | 11.8 | 12.3 | 52 |
| 18.2 | 54.6 | 5298.3 | 525.0 | -15.2 | -32.8 | 237.8 | 20.5 | 17.4 | 13.7 | 311.3 | 313.2 | 0.5 | 23.4 | 13.8 | 54 |
| 19.6 | 57.6 | 5665.1 | 500.0 | -17.8 | -31.7 | 228.4 | 20.4 | 15.4 | 15.0 | 313.1 | 315.2 | 0.8 | 28.9 | 15.6 | 54 |
| 21.1 | 60.8 | 6047.2 | 475.0 | -20.1 | -28.1 | 227.2 | 21.1 | 13.8 | 16.8 | 315.2 | 318.7 | 1.1 | 49.0 | 17.2 | 52 |
| 22.6 | 63.9 | 6445.9 | 450.0 | -22.3 | -30.0 | 215.3 | 21.5 | 12.7 | 17.5 | 315.2 | 318.7 | 0.7 | 78.9 | 19.2 | 50 |
| 24.3 | 67.1 | 6863.5 | 425.0 | -25.6 | -32.3 | 214.3 | 22.1 | 12.4 | 18.3 | 315.2 | 319.2 | 0.4 | 66.3 | 21.1 | 50 |
| 25.9 | 70.5 | 7300.7 | 400.0 | -28.6 | -37.3 | 214.3 | 22.1 | 12.5 | 18.3 | 317.6 | 319.2 | 0.4 | 42.9 | 23.1 | 49 |
| 27.7 | 74.0 | 7759.2 | 375.0 | -32.4 | -48.6 | 217.1 | 23.1 | 13.9 | 18.4 | 319.4 | 320.1 | 0.1 | 17.9 | 25.6 | 48 |
| 29.4 | 77.6 | 8241.9 | 350.0 | -36.6 | -45.5 | 220.6 | 23.1 | 13.1 | 15.3 | 319.4 | 320.1 | 0.2 | 39.0 | 27.9 | 47 |
| 31.4 | 81.3 | 8751.0 | 325.0 | -40.6 | -49.9 | 226.7 | 20.1 | 12.9 | 14.9 | 320.7 | 320.1 | 99.9 | 999.9 | 30.2 | 46 |
| 33.5 | 85.2 | 9291.2 | 300.0 | -44.4 | 99.9 | 226.7 | 19.7 | 12.6 | 12.1 | 322.8 | 320.1 | 99.9 | 999.9 | 32.6 | 46 |
| 35.8 | 89.2 | 9870.4 | 275.0 | -47.3 | 99.9 | 235.5 | 19.5 | 16.1 | 11.0 | 325.7 | 320.1 | 99.9 | 999.9 | 35.0 | 47 |
| 37.9 | 93.5 | 10494.2 | 250.0 | -51.7 | 99.9 | 241.1 | 21.3 | 18.6 | 10.3 | 328.3 | 320.1 | 99.9 | 999.9 | 37.6 | 47 |
| 40.2 | 96.2 | 11170.5 | 225.0 | -56.3 | 99.9 | 241.1 | 21.3 | 19.2 | 12.5 | 332.3 | 320.1 | 99.9 | 999.9 | 40.5 | 48 |
| 42.6 | 103.0 | 11918.7 | 200.0 | -55.7 | 99.9 | 248.9 | 22.9 | 22.7 | 8.8 | 334.6 | 320.1 | 99.9 | 999.9 | 43.7 | 50 |
| 45.5 | 108.3 | 12772.0 | 175.0 | -54.2 | 99.9 | 246.9 | 26.4 | 24.3 | 10.3 | 336.5 | 320.1 | 99.9 | 999.9 | 48.1 | 51 |
| 48.9 | 114.2 | 13763.5 | 150.0 | -53.4 | 99.9 | 252.9 | 24.4 | 23.3 | 7.2 | 338.2 | 320.1 | 99.9 | 999.9 | 52.6 | 53 |
| 52.6 | 120.7 | 14927.6 | 125.0 | -56.8 | 99.9 | 249.2 | 25.5 | 23.8 | 9.0 | 342.2 | 320.1 | 99.9 | 999.9 | 57.8 | 55 |
| 57.3 | 128.0 | 16329.6 | 100.0 | -61.4 | 99.9 | 256.9 | 20.1 | 19.6 | 4.6 | 409.2 | 320.1 | 99.9 | 999.9 | 64.1 | 56 |
| 63.1 | 136.3 | 18117.7 | 75.0 | -61.4 | 99.9 | 246.0 | 12.4 | 11.4 | -2.1 | 444.3 | 320.1 | 99.9 | 999.9 | 69.4 | 58 |
| 71.6 | 146.3 | 20626.8 | 50.0 | -59.6 | 99.9 | 290.7 | 5.9 | 5.5 | -4.2 | 503.0 | 320.1 | 99.9 | 999.9 | 71.7 | 58 |
| 84.0 | 157.0 | 25034.7 | 25.0 | -53.6 | 99.9 | 19.4 | 4.5 | -1.5 | | 630.7 | 320.1 | 99.9 | 999.9 | 71.4 | 59 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 ** BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 *** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
 **** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

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| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO CM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0 0 | 10 0 | 449.9 | 961.7 | 13.1 | 8.6 | 230.0 | 3.6 | 2.8 | 2.3 | 289.5 | 308.6 | 7.3 | 74.0 | 0 0 | 0 0 |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 0 3 | 11.1 | 552.7 | 975.0 | 11.4 | 7.9 | 187.5 | 10.7 | 1.4 | 10.6 | 288.7 | 307.2 | 7.1 | 90.3 | 0 3 | 358.5 |
| 1.2 | 13.5 | 775.4 | 925.0 | 10.0 | 8.5 | 198.6 | 9.5 | 3.0 | 9.0 | 289.6 | 309.4 | 7.6 | 91.3 | 0 7 | 358.5 |
| 2.2 | 15.9 | 1003.1 | 900.0 | 8.6 | 7.2 | 208.7 | 11.5 | 5.6 | 10.1 | 290.4 | 309.1 | 7.1 | 91.3 | 1 2 | 15.20 |
| 3.0 | 18.3 | 1236.0 | 875.0 | 7.0 | 6.0 | 210.7 | 13.0 | 6.7 | 11.2 | 291.0 | 308.8 | 8.7 | 93.2 | 1 9 | 20.24 |
| 4.0 | 20.8 | 1474.3 | 850.0 | 5.8 | 4.9 | 214.8 | 13.3 | 7.6 | 10.9 | 292.2 | 308.3 | 6.4 | 93.9 | 2 6 | 24.27 |
| 4.9 | 23.3 | 1719.0 | 825.0 | 6.9 | 5.2 | 214.8 | 13.3 | 9.4 | 9.4 | 295.9 | 317.1 | 6.8 | 93.6 | 3 4 | 27.32 |
| 6.0 | 25.8 | 1973.2 | 800.0 | 7.6 | 4.2 | 225.7 | 13.0 | 9.3 | 9.1 | 299.2 | 317.1 | 6.5 | 93.4 | 4 2 | 32.33 |
| 7.0 | 28.3 | 2234.4 | 775.0 | 6.0 | 2.9 | 221.6 | 12.5 | 8.3 | 9.4 | 300.8 | 317.2 | 5.4 | 80.8 | 4 9 | 33.34 |
| 8.1 | 30.9 | 2502.3 | 750.0 | 3.9 | 0.8 | 230.9 | 12.7 | 8.8 | 8.0 | 303.2 | 308.8 | 1.8 | 27.4 | 6 5 | 36.38 |
| 9.2 | 33.6 | 2777.9 | 725.0 | 3.4 | -13.3 | 239.5 | 14.0 | 12.1 | 7.1 | 303.9 | 309.8 | 2.0 | 33.0 | 7 3 | 41.41 |
| 10.2 | 36.2 | 3061.4 | 700.0 | 1.2 | -13.3 | 244.0 | 14.1 | 12.7 | 6.2 | 304.1 | 312.1 | 2.7 | 53.7 | 8 2 | 44.45 |
| 11.3 | 38.9 | 3352.6 | 675.0 | -1.4 | -10.9 | 240.3 | 14.6 | 12.7 | 7.2 | 304.4 | 312.0 | 2.6 | 58.7 | 9 2 | 44.45 |
| 12.7 | 41.7 | 3652.0 | 650.0 | -4.0 | -10.9 | 237.8 | 14.9 | 12.6 | 8.0 | 305.6 | 313.5 | 2.7 | 58.3 | 10 3 | 45.46 |
| 13.9 | 44.4 | 3980.4 | 625.0 | -8.0 | -17.0 | 236.2 | 16.7 | 13.9 | 9.3 | 306.9 | 312.1 | 1.7 | 48.1 | 11 4 | 46.47 |
| 15.1 | 47.3 | 4278.1 | 600.0 | -10.4 | -18.5 | 232.5 | 18.9 | 15.0 | 11.5 | 307.8 | 312.6 | 1.5 | 51.4 | 12 8 | 47.48 |
| 16.4 | 50.1 | 4508.6 | 575.0 | -13.9 | -19.1 | 230.9 | 18.9 | 15.7 | 13.5 | 307.6 | 312.0 | 1.3 | 69.8 | 14 4 | 48.48 |
| 17.8 | 53.1 | 4948.7 | 550.0 | -17.1 | -21.3 | 229.6 | 25.6 | 19.5 | 16.6 | 307.9 | 312.5 | 1.1 | 71.8 | 16 5 | 48.48 |
| 19.2 | 56.1 | 5300.0 | 525.0 | -19.8 | -23.6 | 224.0 | 23.5 | 18.3 | 19.1 | 308.9 | 314.1 | 0.2 | 13.5 | 18 5 | 48.47 |
| 20.6 | 59.2 | 5664.1 | 500.0 | -20.0 | -40.9 | 220.8 | 25.2 | 18.3 | 21.1 | 313.3 | 314.1 | 0.2 | 14.0 | 20 7 | 47.47 |
| 22.2 | 62.3 | 6045.3 | 475.0 | -22.9 | -42.9 | 221.1 | 27.9 | 18.3 | 21.1 | 314.5 | 315.1 | 0.1 | 14.0 | 22 4 | 47.47 |
| 23.8 | 65.5 | 6444.1 | 450.0 | -26.2 | -45.5 | 215.8 | 26.7 | 17.2 | 21.8 | 315.4 | 316.0 | 0.1 | 14.3 | 23 5 | 48.48 |
| 25.1 | 68.9 | 6860.1 | 425.0 | -28.4 | -47.2 | 215.6 | 28.5 | 17.2 | 21.8 | 316.1 | 316.5 | 0.1 | 14.3 | 25 5 | 48.48 |
| 26.6 | 72.3 | 7286.4 | 400.0 | -32.1 | -49.7 | 215.6 | 32.1 | 18.1 | 24.0 | 318.1 | 318.6 | 0.1 | 15.4 | 28 0 | 45.45 |
| 28.4 | 75.9 | 7756.1 | 375.0 | -38.1 | -53.0 | 215.0 | 32.1 | 18.1 | 26.5 | 319.1 | 319.5 | 0.1 | 15.4 | 31 2 | 44.44 |
| 30.3 | 79.4 | 8235.1 | 350.0 | -39.7 | -53.0 | 217.7 | 28.8 | 16.3 | 21.9 | 320.1 | 320.4 | 99.9 | 99.9 | 34 6 | 42.42 |
| 32.2 | 83.3 | 8750.1 | 325.0 | -43.3 | -59.9 | 218.2 | 26.6 | 15.9 | 20.0 | 321.9 | 321.9 | 99.9 | 99.9 | 37 6 | 42.42 |
| 34.0 | 87.2 | 9293.0 | 300.0 | -47.8 | -59.9 | 218.2 | 26.9 | 16.6 | 21.1 | 324.0 | 324.0 | 99.9 | 99.9 | 40 3 | 42.42 |
| 35.9 | 91.4 | 9873.3 | 275.0 | -51.2 | -59.9 | 221.4 | 26.1 | 17.2 | 19.6 | 326.0 | 326.0 | 99.9 | 99.9 | 43 3 | 42.42 |
| 38.0 | 95.8 | 10496.9 | 250.0 | -53.5 | -59.9 | 236.7 | 24.4 | 20.4 | 13.4 | 329.9 | 329.9 | 99.9 | 99.9 | 46 8 | 42.42 |
| 40.3 | 100.4 | 11177.4 | 225.0 | -53.7 | -59.9 | 238.5 | 20.9 | 17.8 | 10.9 | 336.6 | 336.6 | 99.9 | 99.9 | 50 1 | 42.42 |
| 42.9 | 105.4 | 11936.0 | 200.0 | -54.6 | -59.9 | 238.1 | 20.6 | 17.5 | 10.8 | 337.8 | 337.8 | 99.9 | 99.9 | 53 6 | 42.42 |
| 45.7 | 110.8 | 12789.6 | 175.0 | -54.6 | -59.9 | 238.1 | 20.6 | 17.5 | 10.8 | 338.8 | 338.8 | 99.9 | 99.9 | 56 8 | 44.46 |
| 49.3 | 116.7 | 13782.0 | 150.0 | -55.6 | -59.9 | 248.8 | 23.9 | 22.1 | 8.6 | 378.8 | 378.8 | 99.9 | 99.9 | 61 2 | 46.46 |
| 53.2 | 123.2 | 14956.2 | 125.0 | -55.6 | -59.9 | 248.8 | 23.9 | 22.1 | 9.0 | 394.4 | 394.4 | 99.9 | 99.9 | 66 4 | 48.48 |
| 57.9 | 130.7 | 16360.1 | 100.0 | -60.3 | -59.9 | 248.5 | 19.4 | 18.0 | 7.1 | 411.3 | 411.3 | 99.9 | 99.9 | 72 7 | 49.49 |
| 63.7 | 139.3 | 18159.4 | 75.0 | -61.4 | -59.9 | 258.0 | 10.7 | 10.4 | 2.2 | 444.1 | 444.1 | 99.9 | 99.9 | 77 3 | 50.50 |
| 71.6 | 149.0 | 20570.7 | 50.0 | -59.2 | -59.9 | 356.9 | 5.2 | 0.3 | -5.0 | 503.9 | 503.9 | 99.9 | 99.9 | 78 4 | 51.51 |
| 84.5 | 159.5 | 25092.3 | 25.0 | -52.9 | -52.9 | 91.0 | 2.4 | -2.4 | 0 0 | 532.7 | 532.7 | 99.9 | 99.9 | 75.9 | 50.50 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 ** BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
 ** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

STATION NO. 1
CROWELL, TEXAS
24 APRIL 1982
1706 GMT

| TIME MIN | ONTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RHO GM/CM | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 9.6 | 449.9 | 960.4 | 15.5 | 9.8 | 225.0 | 5.2 | 3.7 | 3.7 | 292.0 | 313.0 | 8.0 | 69.0 | 0.0 | 0 |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999 |
| 0.2 | 10.4 | 542.0 | 950.0 | 14.2* | 99.9 | 195.4 | 6.4 | 1.7 | 6.2 | 291.6 | 999.9 | 99.9 | 99.9 | 0.4 | 348 |
| 0.9 | 12.7 | 766.1 | 925.0 | 11.6 | 6.8 | 193.7 | 7.1 | 1.8 | 6.9 | 291.2 | 309.0 | 6.7 | 72.0 | 0.6 | 355 |
| 1.5 | 15.1 | 994.8 | 900.0 | 9.6 | 6.4 | 193.7 | 8.1 | 1.9 | 7.9 | 291.5 | 309.3 | 6.7 | 80.1 | 0.8 | 1 |
| 2.2 | 17.5 | 1228.1 | 875.0 | 7.2 | 5.6 | 195.9 | 8.8 | 2.4 | 8.4 | 291.3 | 308.6 | 6.5 | 89.4 | 1.2 | 5 |
| 3.1 | 19.8 | 1467.0 | 850.0 | 8.7 | 3.6 | 230.2 | 8.1 | 6.2 | 5.2 | 295.2 | 311.1 | 5.9 | 71.1 | 1.6 | 10 |
| 4.0 | 22.3 | 1714.8 | 825.0 | 9.3 | -6.7 | 241.8 | 9.2 | 8.1 | 4.3 | 298.4 | 306.5 | 2.8 | 31.6 | 1.9 | 22 |
| 5.1 | 24.7 | 1908.8 | 800.0 | 7.5 | -6.6 | 233.2 | 12.2 | 9.7 | 7.5 | 299.1 | 307.5 | 2.9 | 36.0 | 2.4 | 30 |
| 6.0 | 27.2 | 2229.5 | 775.0 | 5.6 | -7.0 | 230.9 | 16.6 | 12.9 | 10.3 | 299.9 | 308.3 | 3.1 | 35.6 | 2.2 | 35 |
| 6.9 | 29.7 | 2496.7 | 750.0 | 3.7 | -6.9 | 226.5 | 18.8 | 13.7 | 13.0 | 300.6 | 309.5 | 3.1 | 45.8 | 4.2 | 39 |
| 7.9 | 32.3 | 2771.5 | 725.0 | 2.3 | -8.7 | 218.2 | 18.6 | 11.5 | 14.6 | 301.9 | 310.0 | 2.7 | 44.2 | 5.3 | 40 |
| 9.1 | 34.9 | 3054.4 | 700.0 | 0.2 | -8.4 | 214.8 | 17.7 | 10.7 | 14.5 | 303.3 | 311.2 | 2.7 | 46.4 | 6.6 | 39 |
| 10.3 | 37.6 | 3345.7 | 675.0 | -1.0 | -23.1 | 219.4 | 16.9 | 10.7 | 13.1 | 304.6 | 307.4 | 0.9 | 16.7 | 7.9 | 38 |
| 11.5 | 40.2 | 3645.1 | 650.0 | -3.9 | -23.7 | 227.9 | 16.6 | 12.3 | 11.2 | 304.6 | 306.9 | 0.7 | 16.4 | 9.0 | 39 |
| 12.8 | 42.9 | 3953.3 | 625.0 | -5.8 | -27.7 | 232.5 | 21.3 | 16.8 | 13.1 | 305.8 | 307.9 | 0.6 | 15.7 | 10.4 | 41 |
| 13.9 | 45.7 | 4271.4 | 600.0 | -8.6 | -27.4 | 232.5 | 23.4 | 18.6 | 14.3 | 306.1 | 308.3 | 0.7 | 20.5 | 11.9 | 42 |
| 15.2 | 48.6 | 4539.5 | 575.0 | -11.5 | -34.2 | 231.9 | 22.2 | 17.5 | 13.7 | 306.5 | 307.7 | 0.4 | 13.1 | 13.6 | 43 |
| 16.5 | 51.4 | 4838.7 | 550.0 | -13.7 | -38.2 | 231.9 | 24.8 | 19.5 | 15.3 | 307.9 | 308.7 | 0.3 | 10.5 | 15.5 | 44 |
| 17.8 | 54.4 | 5190.7 | 525.0 | -16.3 | -41.4 | 231.9 | 23.8 | 18.7 | 14.7 | 308.9 | 309.5 | 0.2 | 9.2 | 17.4 | 45 |
| 19.1 | 57.4 | 5655.6 | 500.0 | -19.4 | -43.7 | 232.0 | 22.5 | 17.7 | 13.8 | 309.4 | 310.0 | 0.2 | 9.4 | 19.2 | 46 |
| 20.6 | 60.5 | 6034.8 | 475.0 | -22.2 | -45.2 | 232.9 | 25.4 | 20.3 | 15.4 | 310.6 | 311.1 | 0.1 | 10.2 | 21.3 | 47 |
| 22.1 | 63.6 | 6430.2 | 450.0 | -24.8 | -46.7 | 227.6 | 27.0 | 19.9 | 18.2 | 312.1 | 312.5 | 0.1 | 10.9 | 23.7 | 47 |
| 23.7 | 67.0 | 6843.5 | 425.0 | -27.4 | -48.8 | 222.5 | 29.6 | 20.0 | 21.8 | 313.9 | 314.3 | 0.1 | 10.9 | 26.3 | 47 |
| 25.1 | 70.3 | 7277.2 | 400.0 | -30.8 | -51.5 | 218.6 | 29.5 | 18.4 | 23.0 | 315.0 | 315.3 | 0.1 | 10.9 | 29.0 | 46 |
| 26.9 | 73.8 | 7733.5 | 375.0 | -32.9 | -53.2 | 217.8 | 28.8 | 17.6 | 22.7 | 318.0 | 318.3 | 0.1 | 11.1 | 31.8 | 45 |
| 28.7 | 77.3 | 8215.5 | 350.0 | -36.4 | -56.0 | 221.1 | 31.4 | 20.7 | 23.6 | 319.7 | 319.9 | 0.1 | 11.0 | 35.0 | 45 |
| 30.6 | 81.0 | 8725.6 | 325.0 | -39.9 | -59.9 | 227.9 | 33.0 | 23.4 | 23.3 | 321.7 | 999.9 | 99.9 | 99.9 | 38.9 | 45 |
| 32.7 | 85.0 | 9268.6 | 300.0 | -43.1 | -63.9 | 227.9 | 32.7 | 24.3 | 22.0 | 324.7 | 999.9 | 99.9 | 99.9 | 42.7 | 45 |
| 34.9 | 89.2 | 9850.5 | 275.0 | -47.0 | -68.0 | 231.1 | 34.1 | 26.5 | 21.4 | 327.2 | 999.9 | 99.9 | 99.9 | 47.2 | 45 |
| 37.4 | 93.4 | 10479.8 | 250.0 | -48.3 | -69.9 | 240.2 | 37.4 | 32.5 | 18.6 | 334.3 | 999.9 | 99.9 | 99.9 | 52.5 | 46 |
| 39.7 | 98.0 | 11168.2 | 225.0 | -50.3 | -69.9 | 235.2 | 27.9 | 22.9 | 15.9 | 341.5 | 999.9 | 99.9 | 99.9 | 56.9 | 47 |
| 42.4 | 103.0 | 11932.4 | 200.0 | -53.1 | -69.9 | 232.7 | 20.9 | 16.6 | 12.7 | 348.8 | 999.9 | 99.9 | 99.9 | 60.8 | 48 |
| 45.3 | 108.3 | 12791.8 | 175.0 | -54.4 | -69.9 | 237.5 | 21.3 | 17.9 | 11.4 | 360.2 | 999.9 | 99.9 | 99.9 | 64.1 | 48 |
| 49.1 | 114.2 | 13786.2 | 150.0 | -52.8 | -69.9 | 245.9 | 25.7 | 23.5 | 10.5 | 379.1 | 999.9 | 99.9 | 99.9 | 69.1 | 49 |
| 52.8 | 120.7 | 14954.3 | 125.0 | -54.8 | -69.9 | 250.5 | 19.5 | 18.4 | 8.9 | 395.7 | 999.9 | 99.9 | 99.9 | 74.3 | 51 |
| 57.0 | 128.0 | 16352.9 | 100.0 | -58.4 | -69.9 | 246.1 | 17.0 | 15.5 | 6.9 | 415.0 | 999.9 | 99.9 | 99.9 | 78.9 | 51 |
| 62.5 | 136.7 | 18181.3 | 75.0 | -62.2 | -69.9 | 265.4 | 8.6 | 8.5 | 0.7 | 442.5 | 999.9 | 99.9 | 99.9 | 82.5 | 52 |
| 70.2 | 146.7 | 20679.6 | 50.0 | -66.6 | -69.9 | 224.4 | 5.6 | 3.9 | 4.0 | 505.5 | 999.9 | 99.9 | 99.9 | 83.7 | 52 |
| 82.1 | 157.5 | 25102.0 | 25.0 | -51.0 | -69.9 | 197.5 | 5.4 | 1.6 | 5.2 | 638.2 | 999.9 | 99.9 | 99.9 | 82.4 | 52 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
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ORIGINAL PAGE 03
OF POOR QUALITY

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OF POOR QUALITY

| STATION NO. 1 CROWELL, TEXAS | | | | | | | | | | | | | | | 154 13. 0 | | |
|---------------------------------|-------|---------|--------|-------|--------|-------|-------|--------|--------|-------|---------|--------|------|-------|-----------|--|--|
| 24 APRIL 1992 | | | | | | | | | | | | | | | | | |
| 2007 GMT | | | | | | | | | | | | | | | | | |
| TIME | CNTCT | HEIGHT | PRES | TEMP | DEW PT | DIR | SPEED | U COMP | V COMP | POT T | E POT T | MX RTO | RH | RANGE | AZ | | |
| MIN | | GPM | MB | DG C | DG C | DG | M/SEC | M/SEC | M/SEC | DG K | DG K | GM/KG | PCT | KM | DG | | |
| 0.0 | 10.6 | 449.9 | 959.6 | 19.3 | 9.8 | 225.0 | 5.7 | 4.0 | 4.0 | 295.9 | 317.2 | 8.0 | 54.0 | 0.0 | 0.0 | | |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | | |
| 0.3 | 11.5 | 535.6 | 975.0 | 15.0 | 7.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | | |
| 1.1 | 13.6 | 761.1 | 925.0 | 13.5 | 7.6 | 99.9 | 99.9 | 99.9 | 99.9 | 292.4 | 310.1 | 6.7 | 59.1 | 99.9 | 99.9 | | |
| 2.0 | 16.2 | 1225.6 | 900.0 | 10.7 | 7.3 | 99.9 | 99.9 | 99.9 | 99.9 | 292.1 | 312.0 | 7.1 | 59.1 | 99.9 | 99.9 | | |
| 3.8 | 18.5 | 1465.1 | 875.0 | 9.8 | 7.8 | 99.9 | 99.9 | 99.9 | 99.9 | 292.5 | 313.6 | 7.2 | 59.1 | 99.9 | 99.9 | | |
| 6.2 | 21.0 | 1711.7 | 850.0 | 6.8 | 6.2 | 99.9 | 99.9 | 99.9 | 99.9 | 292.3 | 313.1 | 7.6 | 59.1 | 99.9 | 99.9 | | |
| 7.6 | 23.5 | 1956.5 | 825.0 | 9.7 | -9.4 | 228.1 | 10.4 | 4.6 | 9.3 | 292.8 | 312.0 | 7.0 | 59.1 | 99.9 | 99.9 | | |
| 8.7 | 25.9 | 2195.8 | 800.0 | 8.5 | -9.4 | 234.2 | 10.4 | 7.7 | 6.9 | 298.8 | 308.2 | 3.3 | 59.1 | 99.9 | 99.9 | | |
| 9.7 | 28.4 | 2435.8 | 775.0 | 6.4 | -9.4 | 233.7 | 10.4 | 8.4 | 6.1 | 300.7 | 308.2 | 2.2 | 59.1 | 99.9 | 99.9 | | |
| 10.5 | 30.9 | 2770.6 | 750.0 | 4.2 | -11.9 | 239.1 | 13.4 | 10.8 | 7.9 | 300.7 | 308.2 | 2.2 | 59.1 | 99.9 | 99.9 | | |
| 11.7 | 33.5 | 3053.3 | 725.0 | 2.4 | -17.8 | 243.0 | 15.4 | 13.2 | 7.3 | 301.1 | 307.2 | 1.3 | 59.1 | 99.9 | 99.9 | | |
| 12.8 | 36.1 | 3344.7 | 700.0 | 1.1 | -21.7 | 239.6 | 16.1 | 14.4 | 7.3 | 302.1 | 307.2 | 1.3 | 59.1 | 99.9 | 99.9 | | |
| 13.9 | 38.7 | 3644.2 | 675.0 | -0.9 | -23.2 | 237.7 | 17.5 | 15.1 | 8.9 | 302.7 | 307.2 | 1.3 | 59.1 | 99.9 | 99.9 | | |
| 14.9 | 41.3 | 3952.1 | 650.0 | -3.8 | -25.1 | 239.9 | 19.9 | 15.1 | 9.9 | 304.7 | 307.2 | 1.3 | 59.1 | 99.9 | 99.9 | | |
| 16.1 | 44.1 | 4289.6 | 625.0 | -6.8 | -26.8 | 239.9 | 19.9 | 15.1 | 9.9 | 304.7 | 307.2 | 1.3 | 59.1 | 99.9 | 99.9 | | |
| 17.3 | 46.9 | 4598.4 | 600.0 | -8.6 | -30.3 | 239.9 | 19.9 | 15.1 | 9.9 | 304.7 | 307.2 | 1.3 | 59.1 | 99.9 | 99.9 | | |
| 18.7 | 49.8 | 4938.4 | 575.0 | -10.7 | -32.4 | 239.9 | 19.9 | 15.1 | 9.9 | 304.7 | 307.2 | 1.3 | 59.1 | 99.9 | 99.9 | | |
| 20.0 | 52.7 | 5290.4 | 550.0 | -12.4 | -32.3 | 239.9 | 19.9 | 15.1 | 9.9 | 304.7 | 307.2 | 1.3 | 59.1 | 99.9 | 99.9 | | |
| 21.3 | 55.8 | 5635.3 | 525.0 | -16.3 | -35.0 | 239.9 | 19.9 | 15.1 | 9.9 | 304.7 | 307.2 | 1.3 | 59.1 | 99.9 | 99.9 | | |
| 22.8 | 58.9 | 6034.7 | 500.0 | -18.8 | -37.4 | 239.9 | 19.9 | 15.1 | 9.9 | 304.7 | 307.2 | 1.3 | 59.1 | 99.9 | 99.9 | | |
| 24.3 | 61.9 | 6428.6 | 475.0 | -22.7 | -40.5 | 239.9 | 19.9 | 15.1 | 9.9 | 304.7 | 307.2 | 1.3 | 59.1 | 99.9 | 99.9 | | |
| 25.8 | 65.0 | 6839.0 | 450.0 | -26.3 | -43.3 | 239.9 | 19.9 | 15.1 | 9.9 | 304.7 | 307.2 | 1.3 | 59.1 | 99.9 | 99.9 | | |
| 27.3 | 68.3 | 7268.4 | 425.0 | -33.0 | -46.5 | 239.9 | 19.9 | 15.1 | 9.9 | 304.7 | 307.2 | 1.3 | 59.1 | 99.9 | 99.9 | | |
| 29.0 | 71.6 | 7718.9 | 400.0 | -38.4 | -48.8 | 239.9 | 19.9 | 15.1 | 9.9 | 304.7 | 307.2 | 1.3 | 59.1 | 99.9 | 99.9 | | |
| 30.6 | 75.1 | 8183.8 | 375.0 | -37.3 | -51.7 | 239.9 | 19.9 | 15.1 | 9.9 | 304.7 | 307.2 | 1.3 | 59.1 | 99.9 | 99.9 | | |
| 32.7 | 82.5 | 8700.5 | 350.0 | -39.9 | -54.0 | 239.9 | 19.9 | 15.1 | 9.9 | 304.7 | 307.2 | 1.3 | 59.1 | 99.9 | 99.9 | | |
| 34.8 | 86.5 | 9247.1 | 325.0 | -42.8 | -56.9 | 239.9 | 19.9 | 15.1 | 9.9 | 304.7 | 307.2 | 1.3 | 59.1 | 99.9 | 99.9 | | |
| 36.8 | 90.6 | 9827.4 | 300.0 | -45.7 | -59.9 | 239.9 | 19.9 | 15.1 | 9.9 | 304.7 | 307.2 | 1.3 | 59.1 | 99.9 | 99.9 | | |
| 38.9 | 94.8 | 10457.6 | 275.0 | -48.6 | -59.9 | 239.9 | 19.9 | 15.1 | 9.9 | 304.7 | 307.2 | 1.3 | 59.1 | 99.9 | 99.9 | | |
| 41.4 | 99.5 | 11150.0 | 250.0 | -49.0 | -59.9 | 239.9 | 19.9 | 15.1 | 9.9 | 304.7 | 307.2 | 1.3 | 59.1 | 99.9 | 99.9 | | |
| 44.0 | 104.4 | 11922.6 | 225.0 | -49.3 | -59.9 | 239.9 | 19.9 | 15.1 | 9.9 | 304.7 | 307.2 | 1.3 | 59.1 | 99.9 | 99.9 | | |
| 47.0 | 109.8 | 12793.2 | 200.0 | -51.7 | -59.9 | 239.9 | 19.9 | 15.1 | 9.9 | 304.7 | 307.2 | 1.3 | 59.1 | 99.9 | 99.9 | | |
| 50.1 | 115.5 | 13765.3 | 175.0 | -55.5 | -59.9 | 239.9 | 19.9 | 15.1 | 9.9 | 304.7 | 307.2 | 1.3 | 59.1 | 99.9 | 99.9 | | |
| 53.8 | 122.0 | 14949.3 | 150.0 | -54.1 | -59.9 | 239.9 | 19.9 | 15.1 | 9.9 | 304.7 | 307.2 | 1.3 | 59.1 | 99.9 | 99.9 | | |
| 58.1 | 129.3 | 16366.7 | 125.0 | -58.6 | -59.9 | 239.9 | 19.9 | 15.1 | 9.9 | 304.7 | 307.2 | 1.3 | 59.1 | 99.9 | 99.9 | | |
| 63.9 | 139.0 | 18160.5 | 100.0 | -61.0 | -59.9 | 239.9 | 19.9 | 15.1 | 9.9 | 304.7 | 307.2 | 1.3 | 59.1 | 99.9 | 99.9 | | |
| 71.3 | 147.5 | 20675.5 | 75.0 | -59.9 | -59.9 | 239.9 | 19.9 | 15.1 | 9.9 | 304.7 | 307.2 | 1.3 | 59.1 | 99.9 | 99.9 | | |
| 82.7 | 158.0 | 25098.7 | 25.0 | -51.5 | -59.9 | 239.9 | 19.9 | 15.1 | 9.9 | 304.7 | 307.2 | 1.3 | 59.1 | 99.9 | 99.9 | | |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
 ** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

| STATION NO. 1 CROWELL, TEXAS 24 APRIL 1982 2309 GMT | | | | | | | | | | | | | | 84 | 249. | 0 |
|--------------------------------------------------------------|------|-------|---------|--------|-------|--------|-------|-------|--------|--------|-------|-------|--------|-------|-------|------|
| TIME | MIN | ONTCT | HEIGHT | PRES | TEMP | DEW PT | DIR | SPEED | U COMP | V COMP | POI T | E POT | MX RTO | RH | RANGE | AZ |
| 0.0 | 0.0 | 10.8 | 449.9 | 954.2 | 20.5 | 11.2 | 225.0 | 10.3 | 7.3 | 7.3 | 237.6 | 321.2 | 8.8 | 55.0 | 0.0 | 0.0 |
| 99.9 | 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.1 | 0.1 | 11.2 | 487.9 | 975.0 | 20.1* | 99.9 | 160.7 | 12.9 | 12.1 | 12.1 | 237.6 | 99.9 | 99.9 | 99.9 | 0.5 | 346 |
| 1.0 | 1.0 | 13.5 | 715.8 | 925.0 | 16.3 | 8.9 | 163.3 | 15.4 | -4.4 | 14.8 | 296.0 | 99.9 | 99.9 | 99.9 | 0.9 | 344 |
| 2.0 | 2.0 | 15.7 | 948.4 | 900.0 | 14.8 | 8.6 | 169.3 | 15.2 | -2.4 | 15.0 | 296.8 | 316.8 | 7.8 | 61.3 | 1.9 | 345 |
| 3.1 | 3.1 | 18.1 | 1185.6 | 875.0 | 11.9 | 6.8 | 182.1 | 15.1 | 0.6 | 15.1 | 296.2 | 315.3 | 7.1 | 66.3 | 2.9 | 347 |
| 4.0 | 4.0 | 20.4 | 1428.3 | 850.0 | 11.2 | 5.2 | 200.6 | 15.6 | 5.5 | 14.6 | 297.9 | 315.8 | 6.5 | 66.2 | 3.6 | 353 |
| 4.9 | 4.9 | 22.8 | 1677.2 | 825.0 | 9.4 | 3.4 | 210.5 | 16.8 | 8.5 | 14.4 | 298.5 | 314.9 | 5.9 | 67.2 | 4.4 | 360 |
| 5.8 | 5.8 | 25.3 | 1931.8 | 800.0 | 7.2 | 1.6 | 215.2 | 17.6 | 10.2 | 14.4 | 298.9 | 313.6 | 5.0 | 67.2 | 5.2 | 365 |
| 6.7 | 6.7 | 27.7 | 2192.4 | 775.0 | 4.5 | 0.0 | 222.9 | 17.2 | 11.7 | 12.6 | 298.7 | 312.6 | 5.0 | 72.6 | 5.9 | 370 |
| 7.6 | 7.6 | 30.2 | 2459.0 | 750.0 | 2.9 | -3.8 | 236.4 | 17.8 | 14.8 | 9.8 | 299.7 | 310.7 | 3.5 | 61.4 | 6.7 | 375 |
| 8.6 | 8.6 | 32.7 | 2733.0 | 725.0 | 1.6 | -5.4 | 256.3 | 18.2 | 17.7 | 4.3 | 301.2 | 312.5 | 3.3 | 59.7 | 7.5 | 380 |
| 9.8 | 9.8 | 35.2 | 3015.4 | 700.0 | 0.5 | -8.5 | 271.7 | 19.0 | 19.0 | -0.6 | 303.1 | 312.6 | 3.0 | 59.7 | 8.2 | 385 |
| 11.1 | 11.1 | 37.9 | 3305.5 | 675.0 | -1.7 | -10.9 | 289.1 | 20.6 | 20.6 | 0.3 | 304.3 | 311.9 | 2.6 | 59.3 | 10.1 | 390 |
| 12.4 | 12.4 | 40.6 | 3605.6 | 650.0 | -4.2 | -15.6 | 299.1 | 22.5 | 22.5 | 4.3 | 305.5 | 312.1 | 1.8 | 43.9 | 11.4 | 395 |
| 13.6 | 13.6 | 43.2 | 3914.4 | 625.0 | -7.2 | -20.1 | 253.2 | 22.4 | 22.1 | 6.5 | 305.5 | 311.8 | 1.3 | 34.6 | 12.8 | 400 |
| 14.7 | 14.7 | 46.0 | 4234.2 | 600.0 | -9.7 | -22.0 | 253.9 | 21.8 | 21.4 | 6.1 | 306.6 | 312.2 | 1.1 | 35.7 | 13.0 | 405 |
| 15.6 | 15.6 | 48.8 | 4564.8 | 575.0 | -12.6 | -23.9 | 253.3 | 21.7 | 20.8 | 6.2 | 308.2 | 312.4 | 1.0 | 38.0 | 15.2 | 410 |
| 16.7 | 16.7 | 51.7 | 4906.2 | 550.0 | -15.6 | -26.4 | 251.9 | 20.8 | 19.8 | 6.4 | 309.6 | 312.3 | 0.8 | 36.0 | 16.5 | 415 |
| 17.7 | 17.7 | 54.5 | 5259.4 | 525.0 | -18.3 | -29.6 | 253.5 | 21.7 | 20.8 | 6.2 | 310.7 | 312.9 | 0.7 | 36.1 | 17.8 | 420 |
| 18.8 | 18.8 | 57.5 | 5625.7 | 500.0 | -21.7 | -33.3 | 257.2 | 22.5 | 21.9 | 5.0 | 311.1 | 312.7 | 0.5 | 34.2 | 19.3 | 425 |
| 19.9 | 19.9 | 60.6 | 6006.2 | 475.0 | -25.1 | -36.5 | 258.2 | 24.0 | 23.5 | 4.9 | 311.7 | 312.9 | 0.4 | 33.4 | 21.0 | 430 |
| 21.1 | 21.1 | 63.6 | 6401.8 | 450.0 | -28.8 | -40.2 | 259.2 | 24.8 | 23.5 | 4.4 | 312.1 | 313.0 | 0.3 | 32.1 | 22.9 | 435 |
| 22.6 | 22.6 | 66.9 | 6813.9 | 425.0 | -32.2 | -43.9 | 259.6 | 24.5 | 22.4 | 4.3 | 312.1 | 313.6 | 0.2 | 32.8 | 25.1 | 440 |
| 24.2 | 24.2 | 70.1 | 7243.9 | 400.0 | -36.9 | -47.1 | 260.4 | 24.5 | 25.2 | 4.3 | 312.8 | 313.3 | 0.1 | 33.5 | 27.5 | 445 |
| 25.9 | 25.9 | 73.5 | 7694.2 | 375.0 | -39.8 | -49.7 | 261.4 | 25.5 | 25.2 | 4.3 | 315.1 | 315.6 | 0.1 | 33.2 | 30.3 | 450 |
| 27.7 | 27.7 | 77.0 | 8187.9 | 350.0 | -39.9 | -49.9 | 261.4 | 29.1 | 28.7 | 7.5 | 321.7 | 999.9 | 99.9 | 999.9 | 33.5 | 455 |
| 29.3 | 29.3 | 80.7 | 8674.8 | 325.0 | -39.9 | 99.9 | 258.6 | 38.3 | 37.5 | 99.9 | 324.2 | 999.9 | 99.9 | 999.9 | 36.5 | 460 |
| 30.6 | 30.6 | 84.5 | 9217.6 | 300.0 | -43.4 | 99.9 | 258.6 | 35.6 | 34.9 | 99.9 | 324.2 | 999.9 | 99.9 | 999.9 | 39.5 | 465 |
| 32.2 | 32.2 | 88.7 | 9797.8 | 275.0 | -47.2 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 331.3 | 999.9 | 99.9 | 999.9 | 42.5 | 470 |
| 33.8 | 33.8 | 92.8 | 10423.8 | 250.0 | -50.3 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 45.5 | 475 |
| 35.9 | 35.9 | 96.9 | 99.9 | 225.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 48.5 | 480 |
| 38.9 | 38.9 | 99.9 | 99.9 | 200.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 51.5 | 485 |
| 41.9 | 41.9 | 99.9 | 99.9 | 175.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 54.5 | 490 |
| 44.9 | 44.9 | 99.9 | 99.9 | 150.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 57.5 | 495 |
| 47.9 | 47.9 | 99.9 | 99.9 | 125.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 60.5 | 500 |
| 50.9 | 50.9 | 99.9 | 99.9 | 100.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 63.5 | 505 |
| 53.9 | 53.9 | 99.9 | 99.9 | 75.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 66.5 | 510 |
| 56.9 | 56.9 | 99.9 | 99.9 | 50.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 69.5 | 515 |
| 59.9 | 59.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 72.5 | 520 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 ** BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 *** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
 **** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

| STATION NO. 1 CROWELL, TEXAS | | | | | | | | | | | | | | |
|---------------------------------|-------|---------|--------|-------|--------|-------|-------|--------|--------|-------|-------|--------|------|-------|
| 25 APRIL 1982 | | | | | | | | | | | | | | |
| 211 GMT | | | | | | | | | | | | | | |
| TIME | ENTCT | HEIGHT | PRES | TEMP | DEW PT | DIR | SPEED | U COMP | V COMP | POI T | E POT | MX RTO | RH | RANGE |
| MIN | | GPM | MB | DEG C | DEG C | DEG | M/SEC | M/SEC | M/SEC | DEG K | DEG K | GM/KG | PCT | KM |
| 0.0 | 10.7 | 449.9 | 953.6 | 15.2 | 10.8 | 215.0 | 5.2 | 3.0 | 4.3 | 292.3 | 314.8 | 8.6 | 75.0 | 0.0 |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.3 | 11.0 | 481.9 | 950.0 | 14.4* | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 291.9 | 312.3 | 99.9 | 75.1 | 0.0 |
| 0.9 | 13.3 | 706.3 | 925.0 | 12.8 | 8.5 | 99.9 | 99.9 | 99.9 | 99.9 | 292.4 | 315.6 | 99.9 | 75.1 | 0.0 |
| 1.9 | 15.6 | 936.5 | 900.0 | 12.0 | 9.3 | 99.9 | 99.9 | 99.9 | 99.9 | 293.9 | 315.6 | 99.9 | 75.1 | 0.0 |
| 2.9 | 17.9 | 1172.4 | 875.0 | 11.7 | 7.3 | 99.9 | 20.6 | 5.1 | 17.0 | 295.9 | 315.6 | 99.9 | 75.1 | 0.0 |
| 3.8 | 20.3 | 1415.5 | 850.0 | 11.0 | 5.4 | 211.5 | 20.6 | 10.4 | 17.0 | 296.7 | 315.6 | 99.9 | 75.1 | 0.0 |
| 4.9 | 22.7 | 1665.8 | 825.0 | 11.8 | 1.9 | 225.3 | 22.1 | 15.3 | 14.9 | 301.7 | 315.6 | 99.9 | 75.1 | 0.0 |
| 6.0 | 25.2 | 1922.5 | 800.0 | 9.9 | 0.2 | 230.3 | 22.5 | 17.0 | 14.1 | 301.7 | 315.6 | 99.9 | 75.1 | 0.0 |
| 7.1 | 27.6 | 2185.5 | 775.0 | 7.8 | -1.3 | 239.3 | 22.5 | 19.5 | 11.3 | 302.8 | 315.6 | 99.9 | 75.1 | 0.0 |
| 8.2 | 30.1 | 2455.0 | 750.0 | 5.7 | -3.0 | 249.3 | 21.0 | 20.4 | 11.3 | 302.8 | 315.6 | 99.9 | 75.1 | 0.0 |
| 9.2 | 32.7 | 2731.2 | 725.0 | 3.1 | -4.5 | 254.4 | 21.2 | 21.3 | 11.3 | 303.5 | 315.6 | 99.9 | 75.1 | 0.0 |
| 10.3 | 35.2 | 3014.5 | 700.0 | 0.9 | -5.7 | 259.6 | 22.2 | 21.3 | 11.3 | 303.5 | 315.6 | 99.9 | 75.1 | 0.0 |
| 11.3 | 37.8 | 3305.8 | 675.0 | -1.7 | -7.4 | 269.4 | 22.2 | 21.3 | 11.3 | 303.5 | 315.6 | 99.9 | 75.1 | 0.0 |
| 12.5 | 40.5 | 3605.3 | 650.0 | -3.9 | -9.3 | 273.2 | 22.2 | 21.3 | 11.3 | 303.5 | 315.6 | 99.9 | 75.1 | 0.0 |
| 13.5 | 43.1 | 3913.6 | 625.0 | -6.2 | -12.7 | 279.5 | 22.2 | 21.3 | 11.3 | 303.5 | 315.6 | 99.9 | 75.1 | 0.0 |
| 14.6 | 45.8 | 4232.0 | 600.0 | -8.4 | -17.6 | 284.1 | 22.2 | 21.3 | 11.3 | 303.5 | 315.6 | 99.9 | 75.1 | 0.0 |
| 15.6 | 48.6 | 4561.8 | 575.0 | -10.0 | -21.5 | 287.2 | 22.2 | 21.3 | 11.3 | 303.5 | 315.6 | 99.9 | 75.1 | 0.0 |
| 17.1 | 51.4 | 4902.1 | 550.0 | -13.2 | -28.0 | 293.0 | 22.2 | 21.3 | 11.3 | 303.5 | 315.6 | 99.9 | 75.1 | 0.0 |
| 18.4 | 54.3 | 5254.2 | 525.0 | -16.0 | -33.6 | 295.5 | 22.2 | 21.3 | 11.3 | 303.5 | 315.6 | 99.9 | 75.1 | 0.0 |
| 19.7 | 57.1 | 5619.4 | 500.0 | -19.0 | -38.5 | 295.5 | 22.2 | 21.3 | 11.3 | 303.5 | 315.6 | 99.9 | 75.1 | 0.0 |
| 21.1 | 60.3 | 5998.9 | 475.0 | -22.0 | -43.5 | 295.5 | 22.2 | 21.3 | 11.3 | 303.5 | 315.6 | 99.9 | 75.1 | 0.0 |
| 22.6 | 63.4 | 6393.9 | 450.0 | -25.5 | -48.5 | 295.5 | 22.2 | 21.3 | 11.3 | 303.5 | 315.6 | 99.9 | 75.1 | 0.0 |
| 24.1 | 66.6 | 6805.6 | 425.0 | -29.1 | -53.5 | 295.5 | 22.2 | 21.3 | 11.3 | 303.5 | 315.6 | 99.9 | 75.1 | 0.0 |
| 25.6 | 69.8 | 7237.1 | 400.0 | -32.0 | -58.5 | 295.5 | 22.2 | 21.3 | 11.3 | 303.5 | 315.6 | 99.9 | 75.1 | 0.0 |
| 27.1 | 73.4 | 7687.1 | 375.0 | -35.5 | -63.5 | 295.5 | 22.2 | 21.3 | 11.3 | 303.5 | 315.6 | 99.9 | 75.1 | 0.0 |
| 28.6 | 76.9 | 8161.2 | 350.0 | -38.5 | -68.5 | 295.5 | 22.2 | 21.3 | 11.3 | 303.5 | 315.6 | 99.9 | 75.1 | 0.0 |
| 30.4 | 80.7 | 8662.1 | 325.0 | -40.7 | -73.5 | 295.5 | 22.2 | 21.3 | 11.3 | 303.5 | 315.6 | 99.9 | 75.1 | 0.0 |
| 32.1 | 84.5 | 9195.8 | 300.0 | -42.2 | -78.5 | 295.5 | 22.2 | 21.3 | 11.3 | 303.5 | 315.6 | 99.9 | 75.1 | 0.0 |
| 33.9 | 88.5 | 9768.8 | 275.0 | -43.8 | -83.5 | 295.5 | 22.2 | 21.3 | 11.3 | 303.5 | 315.6 | 99.9 | 75.1 | 0.0 |
| 36.5 | 92.8 | 10390.8 | 250.0 | -45.1 | -88.5 | 295.5 | 22.2 | 21.3 | 11.3 | 303.5 | 315.6 | 99.9 | 75.1 | 0.0 |
| 38.7 | 97.8 | 11079.2 | 225.0 | -46.4 | -93.5 | 295.5 | 22.2 | 21.3 | 11.3 | 303.5 | 315.6 | 99.9 | 75.1 | 0.0 |
| 41.2 | 102.6 | 11841.9 | 200.0 | -47.8 | -98.5 | 295.5 | 22.2 | 21.3 | 11.3 | 303.5 | 315.6 | 99.9 | 75.1 | 0.0 |
| 43.9 | 108.0 | 12703.1 | 175.0 | -49.1 | -103.5 | 295.5 | 22.2 | 21.3 | 11.3 | 303.5 | 315.6 | 99.9 | 75.1 | 0.0 |
| 47.1 | 113.7 | 13697.7 | 150.0 | -50.4 | -108.5 | 295.5 | 22.2 | 21.3 | 11.3 | 303.5 | 315.6 | 99.9 | 75.1 | 0.0 |
| 50.8 | 120.3 | 14862.6 | 125.0 | -51.7 | -113.5 | 295.5 | 22.2 | 21.3 | 11.3 | 303.5 | 315.6 | 99.9 | 75.1 | 0.0 |
| 55.1 | 127.7 | 16271.1 | 100.0 | -53.2 | -118.5 | 295.5 | 22.2 | 21.3 | 11.3 | 303.5 | 315.6 | 99.9 | 75.1 | 0.0 |
| 59.8 | 136.5 | 18057.7 | 75.0 | -54.7 | -123.5 | 295.5 | 22.2 | 21.3 | 11.3 | 303.5 | 315.6 | 99.9 | 75.1 | 0.0 |
| 67.3 | 146.5 | 20562.9 | 50.0 | -56.2 | -128.5 | 295.5 | 22.2 | 21.3 | 11.3 | 303.5 | 315.6 | 99.9 | 75.1 | 0.0 |
| 81.1 | 158.0 | 24947.2 | 25.0 | -57.7 | -133.5 | 295.5 | 22.2 | 21.3 | 11.3 | 303.5 | 315.6 | 99.9 | 75.1 | 0.0 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
 ** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

STATION NO 1
CROWELL, TEXAS
25 APRIL 1982
501 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DC K | MX RTO GM/KG | RH PCI | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 10.9 | 449.9 | 954.2 | 13.5 | 11.2 | 220.0 | 10.2 | 4.0 | 4.7 | 290.5 | 313.5 | 8.8 | 86.0 | 0.0 | 0 |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999 |
| 0.1 | 11.3 | 487.1 | 950.0 | 13.1* | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999 |
| 1.1 | 13.7 | 710.7 | 925.0 | 11.0 | 9.8 | 99.9 | 99.9 | 98.9 | 99.9 | 290.5 | 312.1 | 8.3 | 92.4 | 99.9 | 999 |
| 1.8 | 16.1 | 939.5 | 900.0 | 11.0 | 9.9 | 99.9 | 99.9 | 98.9 | 99.9 | 292.9 | 315.5 | 8.6 | 92.9 | 99.9 | 999 |
| 2.8 | 18.5 | 1176.5 | 875.0 | 14.6 | 4.0 | 99.9 | 99.9 | 98.9 | 99.9 | 298.9 | 315.1 | 5.9 | 49.5 | 99.9 | 999 |
| 3.7 | 21.0 | 1421.6 | 850.0 | 14.9 | -3.8 | 99.9 | 99.9 | 98.9 | 99.9 | 301.7 | 311.5 | 3.4 | 27.2 | 99.9 | 999 |
| 4.5 | 23.4 | 1673.5 | 825.0 | 13.2 | -5.3 | 99.9 | 99.9 | 98.9 | 99.9 | 302.6 | 311.7 | 3.1 | 27.0 | 99.9 | 999 |
| 5.6 | 25.9 | 1931.1 | 800.0 | 11.1 | -5.9 | 99.9 | 99.9 | 98.9 | 99.9 | 302.5 | 311.9 | 3.1 | 29.8 | 99.9 | 999 |
| 6.5 | 28.3 | 2194.9 | 775.0 | 8.8 | -6.7 | 99.9 | 99.9 | 98.9 | 99.9 | 303.3 | 312.0 | 3.0 | 32.5 | 99.9 | 999 |
| 7.6 | 30.9 | 2465.1 | 750.0 | 6.5 | -7.1 | 99.9 | 99.9 | 98.9 | 99.9 | 303.6 | 312.4 | 3.0 | 37.1 | 99.9 | 999 |
| 8.8 | 33.5 | 2742.2 | 725.0 | 4.1 | -8.0 | 99.9 | 99.9 | 98.9 | 99.9 | 304.9 | 312.5 | 2.9 | 41.1 | 99.9 | 999 |
| 9.9 | 36.1 | 3026.4 | 700.0 | 1.8 | -8.9 | 99.9 | 99.9 | 98.9 | 99.9 | 304.5 | 312.7 | 2.8 | 44.8 | 99.9 | 999 |
| 11.1 | 38.8 | 3318.3 | 675.0 | -1.0 | -9.4 | 99.9 | 99.9 | 98.9 | 99.9 | 304.5 | 312.8 | 2.7 | 52.6 | 99.9 | 999 |
| 12.2 | 41.5 | 3610.2 | 650.0 | -3.8 | -10.1 | 99.9 | 99.9 | 98.9 | 99.9 | 304.7 | 312.8 | 2.7 | 61.2 | 99.9 | 999 |
| 13.4 | 44.2 | 3926.7 | 625.0 | -6.1 | -12.5 | 99.9 | 99.9 | 98.9 | 99.9 | 305.5 | 312.5 | 2.3 | 69.0 | 99.9 | 999 |
| 14.5 | 47.0 | 4244.5 | 600.0 | -8.9 | -13.6 | 99.9 | 99.9 | 98.9 | 99.9 | 305.8 | 312.5 | 2.2 | 71.4 | 99.9 | 999 |
| 15.6 | 50.0 | 4572.4 | 575.0 | -11.8 | -15.9 | 99.9 | 99.9 | 98.9 | 99.9 | 306.1 | 311.0 | 1.9 | 79.0 | 99.9 | 999 |
| 16.8 | 52.9 | 4911.4 | 550.0 | -14.7 | -17.5 | 99.9 | 99.9 | 98.9 | 99.9 | 306.7 | 312.1 | 1.8 | 86.6 | 99.9 | 999 |
| 17.9 | 55.9 | 5262.5 | 525.0 | -16.9 | -24.7 | 99.9 | 99.9 | 98.9 | 99.9 | 308.2 | 311.3 | 1.0 | 95.0 | 99.9 | 999 |
| 19.1 | 58.9 | 5627.3 | 500.0 | -19.3 | -31.3 | 99.9 | 99.9 | 98.9 | 99.9 | 308.5 | 311.4 | 0.6 | 103.4 | 99.9 | 999 |
| 20.4 | 62.0 | 6006.5 | 475.0 | -22.1 | -32.7 | 99.9 | 99.9 | 98.9 | 99.9 | 310.6 | 312.3 | 0.5 | 111.9 | 99.9 | 999 |
| 21.8 | 65.1 | 6401.7 | 450.0 | -25.3 | -35.0 | 99.9 | 99.9 | 98.9 | 99.9 | 311.5 | 312.0 | 0.4 | 120.6 | 99.9 | 999 |
| 23.3 | 68.4 | 6814.6 | 425.0 | -28.0 | -40.8 | 99.9 | 99.9 | 98.9 | 99.9 | 313.1 | 314.0 | 0.2 | 129.3 | 99.9 | 999 |
| 24.8 | 71.8 | 7246.7 | 400.0 | -31.6 | -44.5 | 99.9 | 99.9 | 98.9 | 99.9 | 313.9 | 314.0 | 0.2 | 138.1 | 99.9 | 999 |
| 26.4 | 75.3 | 7699.4 | 375.0 | -35.8 | -46.9 | 99.9 | 99.9 | 98.9 | 99.9 | 314.2 | 314.7 | 0.1 | 147.0 | 99.9 | 999 |
| 28.0 | 79.0 | 8174.7 | 350.0 | -40.0 | -49.9 | 99.9 | 99.9 | 98.9 | 99.9 | 314.7 | 314.7 | 0.1 | 156.0 | 99.9 | 999 |
| 29.6 | 82.7 | 8676.2 | 325.0 | -44.2 | -49.9 | 99.9 | 99.9 | 98.9 | 99.9 | 315.7 | 314.7 | 0.1 | 165.0 | 99.9 | 999 |
| 31.2 | 86.7 | 9209.6 | 300.0 | -48.3 | -49.9 | 99.9 | 99.9 | 98.9 | 99.9 | 320.1 | 314.7 | 0.1 | 174.0 | 99.9 | 999 |
| 33.1 | 90.8 | 9784.2 | 275.0 | -48.6 | -49.9 | 99.9 | 99.9 | 98.9 | 99.9 | 324.8 | 314.7 | 0.1 | 183.0 | 99.9 | 999 |
| 35.3 | 95.2 | 10409.3 | 250.0 | -50.3 | -49.9 | 99.9 | 99.9 | 98.9 | 99.9 | 331.3 | 314.7 | 0.1 | 192.0 | 99.9 | 999 |
| 37.5 | 99.8 | 11094.4 | 225.0 | -52.4 | -49.9 | 99.9 | 99.9 | 98.9 | 99.9 | 338.2 | 314.7 | 0.1 | 201.0 | 99.9 | 999 |
| 40.2 | 104.8 | 11859.5 | 200.0 | -54.8 | -49.9 | 99.9 | 99.9 | 98.9 | 99.9 | 354.0 | 314.7 | 0.1 | 210.0 | 99.9 | 999 |
| 42.8 | 110.0 | 12725.9 | 175.0 | -57.0 | -49.9 | 99.9 | 99.9 | 98.9 | 99.9 | 364.2 | 314.7 | 0.1 | 219.0 | 99.9 | 999 |
| 46.0 | 116.0 | 13722.8 | 150.0 | -53.3 | -49.9 | 99.9 | 99.9 | 98.9 | 99.9 | 378.2 | 314.7 | 0.1 | 228.0 | 99.9 | 999 |
| 49.6 | 122.5 | 14894.5 | 125.0 | -55.8 | -49.9 | 99.9 | 99.9 | 98.9 | 99.9 | 393.9 | 314.7 | 0.1 | 237.0 | 99.9 | 999 |
| 53.9 | 130.0 | 16302.2 | 100.0 | -59.8 | -49.9 | 99.9 | 99.9 | 98.9 | 99.9 | 412.1 | 314.7 | 0.1 | 246.0 | 99.9 | 999 |
| 58.8 | 138.3 | 18088.1 | 75.0 | -62.9 | -49.9 | 99.9 | 99.9 | 98.9 | 99.9 | 441.1 | 314.7 | 0.1 | 255.0 | 99.9 | 999 |
| 65.7 | 147.7 | 20594.4 | 50.0 | -50.9 | -49.9 | 99.9 | 99.9 | 98.9 | 99.9 | 500.1 | 314.7 | 0.1 | 264.0 | 99.9 | 999 |
| 77.1 | 157.7 | 24992.1 | 25.0 | -53.7 | -49.9 | 99.9 | 99.9 | 98.9 | 99.9 | 630.7 | 314.7 | 0.1 | 273.0 | 99.9 | 999 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
** BY TEMP MEANS MISSING DATA STRUTUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE 1
OF POOR QUALITY

ORIGINAL PAGE IS
OF POOR QUALITY

| STATION NO. 2 HENRIETTA, TEXAS | | | | | | | | | | | | | | | 137 58. 0 | | |
|-----------------------------------|-------|---------|--------|-------|--------|-------|-------|--------|--------|-------|---------|--------|-------|-------|-----------|--|--|
| 24 APRIL 1982 | | | | | | | | | | | | | | | | | |
| 1128 GMT | | | | | | | | | | | | | | | | | |
| TIME | CNTCT | HEIGHT | PRES | TEMP | DEW PT | DIR | SPEED | U COMP | V COMP | POT T | E POT T | MX RTO | RH | RANGE | AZ | | |
| MIN | | GPW | MB | DG C | DG C | DG | M/SEC | M/SEC | M/SEC | DG K | DG K | GM/KG | PCT | KM | DG | | |
| 0.0 | 8.2 | 287.5 | 984.4 | 10.7 | 9.8 | 150.0 | 0.5 | -0.3 | 0.4 | 285.1 | 305.0 | 7.8 | 94.0 | 0.0 | 0 | | |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | | |
| 0.3 | 9.1 | 367.8 | 975.0 | 10.1 | 7.5 | 99.9 | 99.9 | 99.9 | 99.9 | 285.4 | 302.8 | 6.8 | 84.0 | 0.0 | 99.9 | | |
| 1.0 | 11.4 | 584.0 | 950.0 | 10.7 | 6.1 | 99.9 | 99.9 | 99.9 | 99.9 | 288.1 | 304.4 | 6.2 | 72.9 | 0.0 | 99.9 | | |
| 1.6 | 13.7 | 806.0 | 925.0 | 9.3 | 4.7 | 99.9 | 99.9 | 99.9 | 99.9 | 289.6 | 304.2 | 5.6 | 72.7 | 0.0 | 99.9 | | |
| 2.3 | 16.1 | 1032.7 | 900.0 | 7.9 | 3.4 | 99.9 | 99.9 | 99.9 | 99.9 | 290.6 | 304.1 | 5.4 | 73.3 | 0.0 | 99.9 | | |
| 2.9 | 18.5 | 1264.9 | 875.0 | 6.5 | 4.8 | 99.9 | 99.9 | 99.9 | 99.9 | 291.0 | 307.3 | 6.2 | 88.6 | 0.0 | 99.9 | | |
| 3.7 | 20.9 | 1502.4 | 850.0 | 4.6 | 4.3 | 239.0 | 8.9 | 7.5 | 4.6 | 293.4 | 310.5 | 6.4 | 99.7 | 2.2 | 28 | | |
| 4.3 | 23.4 | 1746.1 | 825.0 | 4.5 | 4.5 | 248.5 | 10.4 | 9.7 | 3.8 | 295.9 | 313.6 | 6.5 | 98.8 | 2.5 | 33 | | |
| 5.0 | 25.9 | 1997.1 | 800.0 | 4.5 | 4.3 | 250.4 | 10.3 | 9.7 | 3.5 | 298.0 | 313.5 | 6.1 | 100.0 | 3.2 | 42 | | |
| 5.6 | 28.4 | 2255.6 | 775.0 | 2.9 | 2.8 | 261.2 | 7.5 | 7.4 | 0.6 | 302.0 | 313.4 | 4.0 | 100.1 | 3.4 | 45 | | |
| 6.3 | 31.0 | 2520.7 | 750.0 | 1.3 | 1.3 | 263.6 | 6.3 | 6.2 | 0.9 | 303.1 | 313.5 | 3.8 | 82.9 | 3.7 | 49 | | |
| 7.3 | 33.6 | 2794.2 | 725.0 | 0.5 | -3.8 | 264.0 | 7.0 | 6.9 | 0.9 | 303.7 | 314.9 | 3.9 | 78.2 | 4.0 | 52 | | |
| 8.1 | 36.2 | 3077.2 | 700.0 | 0.5 | -5.1 | 266.0 | 8.2 | 8.2 | 0.9 | 304.5 | 318.9 | 4.3 | 78.2 | 4.3 | 55 | | |
| 8.8 | 38.9 | 3366.1 | 675.0 | -1.8 | -5.1 | 268.7 | 10.0 | 10.0 | 0.3 | 305.1 | 318.1 | 3.8 | 100.0 | 5.3 | 58 | | |
| 9.6 | 41.6 | 3667.6 | 650.0 | -3.9 | -6.4 | 266.1 | 11.5 | 11.5 | 0.8 | 307.4 | 318.1 | 3.6 | 99.8 | 5.3 | 61 | | |
| 10.4 | 44.3 | 3976.2 | 625.0 | -6.4 | -7.5 | 263.2 | 12.2 | 12.2 | 1.5 | 308.3 | 311.3 | 1.6 | 99.8 | 6.3 | 63 | | |
| 11.1 | 47.1 | 4295.0 | 600.0 | -7.5 | -18.0 | 261.8 | 12.3 | 12.3 | 1.7 | 308.3 | 312.1 | 1.3 | 99.8 | 6.3 | 65 | | |
| 11.8 | 50.0 | 4623.7 | 575.0 | -11.7 | -22.2 | 256.2 | 12.2 | 11.9 | 2.9 | 309.9 | 312.8 | 1.3 | 99.8 | 7.0 | 67 | | |
| 12.5 | 52.9 | 4963.3 | 550.0 | -15.4 | -22.2 | 249.1 | 11.2 | 10.5 | 4.0 | 311.5 | 315.1 | 1.1 | 99.8 | 7.0 | 67 | | |
| 13.2 | 55.9 | 5315.9 | 525.0 | -17.7 | -23.8 | 244.2 | 12.7 | 11.4 | 5.5 | 311.5 | 315.1 | 1.1 | 99.8 | 7.0 | 67 | | |
| 14.0 | 58.9 | 5683.1 | 500.0 | -19.9 | -25.5 | 238.8 | 16.6 | 14.2 | 8.6 | 313.3 | 316.6 | 1.0 | 99.8 | 8.3 | 67 | | |
| 14.8 | 62.0 | 6055.4 | 475.0 | -17.7 | -25.5 | 231.4 | 16.6 | 14.2 | 8.6 | 313.3 | 316.6 | 1.0 | 99.8 | 8.3 | 67 | | |
| 15.8 | 65.1 | 6484.6 | 450.0 | -22.9 | -26.5 | 231.4 | 19.2 | 15.0 | 12.0 | 314.4 | 317.9 | 1.0 | 99.8 | 9.3 | 68 | | |
| 16.8 | 68.1 | 6881.7 | 425.0 | -26.1 | -30.4 | 225.3 | 22.1 | 15.7 | 15.6 | 315.5 | 317.9 | 0.7 | 99.8 | 10.3 | 65 | | |
| 17.8 | 71.9 | 7317.1 | 400.0 | -29.7 | -35.3 | 218.9 | 25.4 | 15.9 | 19.8 | 316.5 | 318.1 | 0.5 | 99.8 | 11.4 | 64 | | |
| 18.8 | 75.3 | 7772.1 | 375.0 | -33.8 | -41.5 | 216.6 | 26.6 | 15.9 | 21.4 | 316.5 | 319.0 | 0.3 | 99.8 | 12.7 | 61 | | |
| 19.9 | 78.9 | 8254.5 | 350.0 | -37.2 | -48.4 | 216.0 | 25.0 | 15.4 | 19.7 | 316.6 | 319.0 | 0.1 | 99.8 | 14.4 | 58 | | |
| 21.1 | 82.7 | 8762.8 | 325.0 | -41.1 | -48.4 | 216.5 | 25.1 | 14.9 | 20.1 | 320.1 | 319.0 | 0.1 | 99.8 | 16.2 | 56 | | |
| 22.4 | 86.6 | 9301.5 | 300.0 | -45.7 | -48.4 | 213.9 | 20.6 | 14.9 | 22.1 | 320.1 | 319.0 | 0.1 | 99.8 | 18.0 | 54 | | |
| 23.7 | 89.7 | 9874.7 | 275.0 | -50.9 | -48.4 | 211.8 | 20.6 | 14.9 | 22.1 | 321.6 | 319.0 | 0.1 | 99.8 | 19.8 | 52 | | |
| 25.0 | 95.0 | 10487.7 | 250.0 | -55.7 | -48.4 | 211.8 | 20.6 | 16.1 | 26.0 | 321.6 | 319.0 | 0.1 | 99.8 | 22.0 | 50 | | |
| 26.4 | 99.0 | 11185.4 | 225.0 | -58.2 | -48.4 | 214.9 | 20.6 | 16.1 | 24.1 | 323.3 | 319.0 | 0.1 | 99.8 | 24.5 | 48 | | |
| 27.9 | 104.4 | 11898.6 | 200.0 | -58.2 | -48.4 | 214.9 | 20.6 | 16.1 | 24.1 | 323.3 | 319.0 | 0.1 | 99.8 | 27.0 | 47 | | |
| 30.1 | 109.8 | 12744.0 | 175.0 | -55.8 | -48.4 | 240.0 | 28.5 | 24.6 | 18.8 | 323.3 | 319.0 | 0.1 | 99.8 | 30.5 | 48 | | |
| 32.7 | 115.6 | 13725.0 | 150.0 | -55.2 | -48.4 | 247.5 | 28.7 | 26.5 | 11.0 | 327.7 | 319.0 | 0.1 | 99.8 | 35.0 | 50 | | |
| 36.0 | 122.2 | 14881.1 | 125.0 | -58.8 | -48.4 | 253.3 | 24.1 | 23.0 | 6.9 | 375.0 | 319.0 | 0.1 | 99.8 | 39.7 | 53 | | |
| 39.4 | 129.7 | 16267.5 | 100.0 | -62.1 | -48.4 | 245.6 | 23.4 | 21.3 | 9.7 | 388.5 | 319.0 | 0.1 | 99.8 | 44.4 | 55 | | |
| 43.8 | 138.3 | 18040.1 | 75.0 | -62.7 | -48.4 | 257.1 | 20.9 | 20.3 | 4.7 | 407.8 | 319.0 | 0.1 | 99.8 | 49.9 | 57 | | |
| 48.9 | 99.9 | 99.9 | 50.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | | |
| 99.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | | |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
 ** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

STATION NO. 2
HENRIETTA, TEXAS

24 APRIL 1982
1413 GMT

| TIME MIN | ONTCT | HEIGHT GPM | PRES MB | TEMP DEG C | DEW PT DEG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTQ GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|---------------|-----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 7.6 | 287.5 | 983.7 | 14.0 | 9.6 | 150.0 | 3.1 | -1.6 | 2.7 | 288.5 | 308.5 | 7.7 | 75.0 | 0.0 | 0 |
| 99.9 | 99.9 | 999.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 0.2 | 8.4 | 362.1 | 975.0 | 11.3 | 6.3 | 99.9 | 99.9 | 99.9 | 99.9 | 286.6 | 302.6 | 6.2 | 71.1 | 999.9 | 999.9 |
| 0.8 | 10.7 | 578.6 | 950.0 | 9.7 | 5.1 | 99.9 | 99.9 | 99.9 | 99.9 | 287.1 | 302.3 | 5.8 | 72.8 | 999.9 | 999.9 |
| 1.4 | 13.0 | 799.6 | 925.0 | 8.3 | 3.0 | 99.9 | 99.9 | 99.9 | 99.9 | 287.8 | 301.5 | 5.2 | 69.3 | 999.9 | 999.9 |
| 2.1 | 15.4 | 1026.0 | 900.0 | 8.0 | 1.5 | 200.0 | 9.8 | 3.4 | 9.2 | 289.8 | 302.5 | 4.8 | 63.7 | 1.3 | 6 |
| 2.8 | 17.8 | 1258.7 | 875.0 | 7.7 | 3.2 | 210.9 | 9.1 | 4.7 | 7.9 | 291.8 | 306.6 | 5.5 | 73.3 | 1.7 | 11 |
| 3.5 | 20.3 | 1497.8 | 850.0 | 7.3 | 5.5 | 221.4 | 7.9 | 5.2 | 5.9 | 292.8 | 311.7 | 6.7 | 88.8 | 2.0 | 15 |
| 4.2 | 22.7 | 1743.6 | 825.0 | 6.5 | 5.9 | 220.5 | 7.3 | 4.7 | 5.5 | 293.5 | 314.5 | 7.1 | 87.4 | 2.2 | 19 |
| 5.0 | 25.2 | 1996.7 | 800.0 | 5.9 | 4.0 | 217.3 | 9.9 | 6.0 | 7.9 | 295.5 | 315.5 | 6.4 | 87.4 | 2.6 | 21 |
| 5.7 | 27.6 | 2257.2 | 775.0 | 5.5 | 2.5 | 228.1 | 11.4 | 8.5 | 7.6 | 299.7 | 316.1 | 5.9 | 80.9 | 3.1 | 25 |
| 6.6 | 30.2 | 2525.0 | 750.0 | 3.9 | -0.4 | 231.8 | 9.9 | 7.8 | 6.1 | 300.8 | 314.8 | 5.0 | 73.3 | 3.5 | 29 |
| 7.3 | 32.8 | 2800.1 | 725.0 | 2.1 | -3.1 | 232.8 | 9.4 | 7.4 | 5.7 | 301.8 | 313.8 | 4.2 | 68.3 | 4.0 | 31 |
| 8.2 | 35.3 | 3082.6 | 700.0 | 0.2 | -5.3 | 239.7 | 8.0 | 6.9 | 4.0 | 302.7 | 313.3 | 3.7 | 66.6 | 4.4 | 34 |
| 9.1 | 38.0 | 3373.5 | 675.0 | -1.3 | -12.2 | 258.7 | 7.7 | 7.5 | 1.5 | 304.2 | 310.9 | 2.2 | 43.2 | 4.8 | 36 |
| 9.9 | 40.7 | 3674.0 | 650.0 | -2.6 | -17.3 | 270.8 | 9.4 | 9.4 | -0.2 | 306.1 | 308.1 | 0.6 | 12.8 | 5.0 | 40 |
| 10.8 | 43.3 | 3983.5 | 625.0 | -5.0 | -30.9 | 270.8 | 10.9 | 10.9 | -0.2 | 306.7 | 308.3 | 0.5 | 10.9 | 5.4 | 45 |
| 11.8 | 46.2 | 4302.7 | 600.0 | -7.7 | -34.8 | 267.0 | 11.0 | 10.9 | 0.6 | 307.3 | 309.1 | 0.6 | 10.9 | 5.8 | 49 |
| 12.8 | 49.0 | 4631.8 | 575.0 | -10.6 | -38.8 | 258.4 | 12.6 | 12.3 | 2.5 | 307.6 | 308.7 | 0.3 | 11.5 | 6.4 | 52 |
| 13.8 | 51.9 | 4971.9 | 550.0 | -13.3 | -35.8 | 251.8 | 15.6 | 14.8 | 4.9 | 308.3 | 309.4 | 0.3 | 13.1 | 7.2 | 55 |
| 14.7 | 54.9 | 5324.0 | 525.0 | -16.6 | -18.7 | 242.1 | 18.3 | 16.1 | 8.5 | 308.4 | 313.6 | 1.7 | 84.0 | 8.1 | 56 |
| 15.7 | 57.9 | 5689.4 | 500.0 | -18.6 | -21.5 | 234.3 | 21.2 | 17.3 | 12.4 | 310.3 | 314.6 | 1.4 | 78.3 | 9.3 | 56 |
| 16.6 | 61.0 | 6070.7 | 475.0 | -20.0 | -25.0 | 228.8 | 17.9 | 17.9 | 15.6 | 313.2 | 316.6 | 1.1 | 64.3 | 10.5 | 56 |
| 17.7 | 64.1 | 6469.7 | 450.0 | -22.7 | -31.2 | 222.7 | 24.7 | 16.7 | 18.2 | 314.8 | 316.6 | 0.6 | 45.6 | 12.1 | 55 |
| 18.8 | 67.5 | 6866.9 | 425.0 | -25.8 | -45.6 | 220.6 | 23.0 | 15.0 | 17.5 | 316.0 | 316.6 | 0.1 | 13.5 | 13.8 | 53 |
| 20.0 | 70.9 | 7223.4 | 400.0 | -28.9 | -48.5 | 221.5 | 21.8 | 14.4 | 16.3 | 317.4 | 317.8 | 0.1 | 12.8 | 15.2 | 52 |
| 21.1 | 74.3 | 7781.1 | 375.0 | -33.2 | -51.5 | 217.6 | 23.2 | 13.9 | 18.0 | 317.7 | 318.0 | 0.1 | 13.8 | 16.6 | 51 |
| 22.3 | 77.9 | 8262.4 | 350.0 | -36.6 | -55.4 | 213.2 | 23.2 | 12.7 | 19.4 | 319.4 | 319.9 | 0.1 | 12.0 | 18.4 | 49 |
| 23.8 | 81.6 | 8772.3 | 325.0 | -40.4 | 99.9 | 214.3 | 21.7 | 12.2 | 17.9 | 321.0 | 320.9 | 99.9 | 99.9 | 20.2 | 48 |
| 25.4 | 85.5 | 9312.5 | 300.0 | -44.7 | 99.9 | 217.6 | 20.5 | 12.5 | 16.2 | 322.4 | 322.4 | 99.9 | 99.9 | 22.3 | 47 |
| 27.3 | 89.7 | 9889.6 | 275.0 | -48.7 | 99.9 | 226.7 | 18.6 | 13.5 | 12.8 | 324.7 | 324.7 | 99.9 | 99.9 | 24.4 | 46 |
| 29.2 | 94.0 | 10510.4 | 250.0 | -52.9 | 99.9 | 237.4 | 19.0 | 16.0 | 10.2 | 327.5 | 327.5 | 99.9 | 99.9 | 26.5 | 47 |
| 31.4 | 98.6 | 11181.8 | 225.0 | -58.0 | 99.9 | 239.0 | 20.5 | 17.6 | 10.6 | 329.7 | 329.7 | 99.9 | 99.9 | 28.9 | 48 |
| 33.9 | 103.6 | 11926.8 | 200.0 | -63.0 | 99.9 | 241.7 | 23.3 | 20.5 | 11.1 | 334.0 | 334.0 | 99.9 | 99.9 | 32.2 | 49 |
| 36.5 | 108.6 | 12777.4 | 175.0 | -68.4 | 99.9 | 243.4 | 26.6 | 23.7 | 11.9 | 338.5 | 338.5 | 99.9 | 99.9 | 36.1 | 50 |
| 39.8 | 114.7 | 13765.8 | 150.0 | -73.0 | 99.9 | 251.1 | 22.6 | 21.4 | 7.3 | 378.7 | 378.7 | 99.9 | 99.9 | 40.6 | 53 |
| 43.3 | 121.3 | 14929.1 | 125.0 | -77.1 | 99.9 | 246.8 | 22.6 | 20.8 | 8.9 | 391.7 | 391.7 | 99.9 | 99.9 | 45.4 | 54 |
| 47.5 | 129.0 | 16326.0 | 100.0 | -81.4 | 99.9 | 251.9 | 18.1 | 17.2 | 5.6 | 409.1 | 409.1 | 99.9 | 99.9 | 50.4 | 56 |
| 53.0 | 138.0 | 18107.8 | 75.0 | -82.9 | 99.9 | 257.2 | 9.3 | 9.1 | 2.1 | 441.1 | 441.1 | 99.9 | 99.9 | 54.3 | 57 |
| 60.2 | 148.0 | 20614.8 | 50.0 | -80.1 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 501.8 | 501.8 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

ORIGINAL PAGE
OF POOR QUALITY

STATION NO. 2
HENRIETTA, TEXAS
24 APRIL 1982
1701 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 8.4 | 287.5 | 983.4 | 14.0 | 8.8 | 150.0 | 4.1 | -2.1 | 3.6 | 288.5 | 307.5 | 7.3 | 71.0 | 0.0 | 0 |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.2 | 9.1 | 358.7 | 975.0 | 12.2 | 7.2 | 167.2 | 9.0 | -2.0 | 8.3 | 287.5 | 304.6 | 6.6 | 71.4 | 0.3 | 352 |
| 0.8 | 11.3 | 576.9 | 950.0 | 9.9 | 7.0 | 167.8 | 8.5 | -1.8 | 8.3 | 287.2 | 304.4 | 6.6 | 82.2 | 0.5 | 350 |
| 1.6 | 13.7 | 797.9 | 925.0 | 7.5 | 6.3 | 174.4 | 8.2 | -0.8 | 8.1 | 287.0 | 303.9 | 6.5 | 91.9 | 0.8 | 350 |
| 2.2 | 16.1 | 1023.6 | 900.0 | 6.7 | 6.3 | 185.9 | 9.2 | 0.9 | 9.1 | 288.5 | 305.9 | 6.7 | 97.1 | 1.2 | 352 |
| 2.8 | 18.5 | 1255.8 | 875.0 | 7.2 | 6.4 | 191.8 | 10.3 | 2.1 | 10.2 | 291.3 | 309.6 | 6.9 | 94.3 | 1.5 | 350 |
| 3.5 | 20.9 | 1494.7 | 850.0 | 7.1 | 6.4 | 193.3 | 10.5 | 2.4 | 10.2 | 293.5 | 312.6 | 7.1 | 95.9 | 1.9 | 360 |
| 4.2 | 23.3 | 1740.4 | 825.0 | 6.0 | 4.8 | 197.9 | 10.3 | 3.2 | 9.8 | 294.9 | 312.6 | 6.6 | 92.5 | 2.3 | 3 |
| 4.9 | 25.7 | 1992.8 | 800.0 | 5.5 | 5.1 | 199.7 | 11.1 | 3.7 | 10.4 | 297.0 | 315.7 | 6.3 | 97.0 | 2.6 | 6 |
| 5.7 | 28.2 | 2252.5 | 775.0 | 4.7 | 3.2 | 204.8 | 11.4 | 4.8 | 10.3 | 298.8 | 315.1 | 6.3 | 80.4 | 3.3 | 8 |
| 6.5 | 30.7 | 2519.7 | 750.0 | 3.4 | 0.3 | 214.6 | 12.7 | 7.2 | 10.4 | 300.3 | 315.0 | 5.2 | 80.4 | 3.3 | 8 |
| 7.2 | 33.2 | 2794.2 | 725.0 | 1.9 | -3.9 | 218.2 | 12.7 | 7.9 | 10.4 | 301.6 | 312.8 | 4.0 | 85.2 | 4.4 | 15 |
| 8.0 | 35.8 | 3076.8 | 700.0 | 0.3 | -16.6 | 999.9 | 99.9 | 99.9 | 99.9 | 302.9 | 308.9 | 3.4 | 60.9 | 99.9 | 99.9 |
| 8.9 | 38.4 | 3367.6 | 675.0 | -1.7 | -16.6 | 999.9 | 99.9 | 99.9 | 99.9 | 302.9 | 308.9 | 1.7 | 34.2 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 650.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 625.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 600.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 575.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 550.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 525.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 500.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 475.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 450.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 425.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 400.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 375.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 350.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 325.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 300.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 275.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 250.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 225.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 200.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 175.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 150.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 125.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 100.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 75.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 50.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

STATION NO. 2
HENRIETTA, TEXAS
24 APRIL 1982
1750 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 8.3 | 287.5 | 982.4 | 15.9 | 9.6 | 150.0 | 4.1 | -2.1 | 3.6 | 290.5 | 310.6 | 7.7 | 66.0 | 0.0 | 0 |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999 |
| 0.2 | 9.0 | 351.5 | 975.0 | 13.1 | 7.7 | 999.9 | 99.9 | 99.9 | 99.9 | 288.3 | 306.0 | 6.8 | 69.7 | 999.9 | 999 |
| 1.0 | 11.3 | 569.1 | 950.0 | 10.6 | 7.7 | 999.9 | 99.9 | 99.9 | 99.9 | 288.0 | 306.1 | 7.0 | 81.9 | 999.9 | 999 |
| 1.7 | 13.6 | 790.9 | 925.0 | 8.6 | 7.1 | 999.9 | 99.9 | 99.9 | 99.9 | 288.0 | 306.1 | 6.9 | 90.5 | 999.9 | 999 |
| 2.3 | 16.0 | 1017.8 | 900.0 | 10.6 | 6.3 | 171.6 | 8.9 | -1.3 | 8.8 | 292.4 | 314.1 | 8.2 | 91.8 | 1.2 | 331 |
| 3.1 | 18.4 | 1252.5 | 875.0 | 9.5 | 7.2 | 179.8 | 8.8 | -0.0 | 8.8 | 293.6 | 313.6 | 7.3 | 85.8 | 1.7 | 338 |
| 3.9 | 20.8 | 1492.9 | 850.0 | 8.5 | 6.7 | 199.0 | 9.1 | 3.0 | 8.6 | 295.1 | 314.6 | 7.3 | 88.5 | 2.0 | 343 |
| 4.7 | 23.3 | 1739.9 | 825.0 | 8.2 | 5.2 | 219.4 | 10.9 | 6.9 | 8.4 | 298.0 | 316.3 | 6.7 | 77.6 | 2.4 | 351 |
| 5.4 | 25.7 | 1994.8 | 800.0 | 8.2 | 3.7 | 240.5 | 11.4 | 9.9 | 5.6 | 299.9 | 317.2 | 6.3 | 73.5 | 2.7 | 1 |
| 6.3 | 28.2 | 2256.3 | 775.0 | 6.3 | 1.3 | 244.6 | 11.8 | 10.7 | 5.1 | 300.6 | 315.8 | 5.5 | 70.6 | 3.0 | 12 |
| 7.1 | 30.8 | 2524.4 | 750.0 | 3.9 | 2.0 | 240.0 | 12.0 | 10.4 | 6.0 | 300.9 | 317.3 | 5.5 | 87.0 | 3.4 | 20 |
| 8.3 | 33.3 | 2799.8 | 725.0 | 2.7 | -1.1 | 230.6 | 12.6 | 9.8 | 8.0 | 302.4 | 316.2 | 4.9 | 75.8 | 4.1 | 36 |
| 9.5 | 36.0 | 3083.0 | 700.0 | 0.7 | -2.1 | 224.8 | 13.3 | 9.4 | 8.4 | 303.9 | 316.5 | 4.7 | 81.1 | 5.0 | 30 |
| 10.6 | 38.6 | 3374.3 | 675.0 | -1.6 | -10.0 | 225.8 | 12.2 | 8.8 | 8.5 | 303.9 | 311.7 | 2.7 | 52.9 | 5.8 | 32 |
| 11.6 | 41.3 | 3673.6 | 650.0 | -3.6 | -17.7 | 221.1 | 13.6 | 8.9 | 10.2 | 304.9 | 309.4 | 1.5 | 32.3 | 6.5 | 34 |
| 12.4 | 44.0 | 3982.1 | 625.0 | -6.3 | -15.3 | 222.0 | 14.6 | 9.8 | 10.9 | 305.3 | 310.9 | 1.9 | 48.8 | 7.2 | 34 |
| 13.3 | 46.8 | 4299.9 | 600.0 | -9.3 | -14.2 | 227.9 | 16.3 | 12.1 | 10.9 | 305.4 | 311.8 | 2.1 | 67.7 | 8.1 | 35 |
| 14.4 | 49.7 | 4627.6 | 575.0 | -11.9 | -13.9 | 234.6 | 19.4 | 15.8 | 11.2 | 306.1 | 313.0 | 2.3 | 85.0 | 9.1 | 37 |
| 15.5 | 52.6 | 4967.4 | 550.0 | -13.8 | -15.9 | 237.2 | 22.9 | 19.2 | 12.4 | 307.8 | 313.9 | 2.0 | 83.6 | 10.4 | 40 |
| 16.6 | 55.5 | 5319.5 | 525.0 | -16.2 | -19.1 | 232.7 | 22.0 | 17.5 | 13.3 | 308.9 | 313.9 | 1.6 | 78.1 | 11.9 | 42 |
| 18.0 | 58.6 | 5685.1 | 500.0 | -18.7 | -23.0 | 226.7 | 21.9 | 15.9 | 15.0 | 310.2 | 314.1 | 1.2 | 69.0 | 13.7 | 43 |
| 19.3 | 61.7 | 6065.5 | 475.0 | -21.6 | -28.6 | 223.1 | 23.9 | 16.3 | 17.5 | 311.3 | 313.8 | 0.7 | 52.5 | 15.6 | 43 |
| 20.9 | 64.9 | 6462.1 | 450.0 | -24.1 | -47.4 | 219.6 | 24.4 | 15.5 | 18.8 | 313.0 | 313.8 | 0.1 | 9.6 | 17.9 | 43 |
| 22.5 | 68.1 | 6877.1 | 425.0 | -26.9 | -52.7 | 221.9 | 26.8 | 17.9 | 20.0 | 314.6 | 314.8 | 0.1 | 6.4 | 20.2 | 43 |
| 24.4 | 71.6 | 7311.8 | 400.0 | -29.5 | -55.0 | 220.3 | 27.8 | 18.0 | 21.2 | 316.7 | 316.9 | 0.1 | 7.1 | 23.5 | 42 |
| 26.4 | 75.0 | 7769.5 | 375.0 | -32.3 | -58.3 | 220.0 | 29.3 | 18.8 | 22.4 | 318.9 | 319.1 | 0.0 | 7.4 | 26.9 | 42 |
| 28.2 | 78.6 | 8253.1 | 350.0 | -36.0 | -58.8 | 221.0 | 28.7 | 18.8 | 22.1 | 320.2 | 320.4 | 0.0 | 99.9 | 29.8 | 42 |
| 30.0 | 82.3 | 8763.7 | 325.0 | -39.9 | 99.9 | 220.8 | 29.2 | 19.1 | 22.1 | 321.7 | 321.7 | 99.9 | 99.9 | 33.3 | 42 |
| 32.2 | 86.3 | 9306.1 | 300.0 | -43.7 | 99.9 | 222.2 | 27.6 | 18.5 | 20.4 | 323.8 | 323.8 | 99.9 | 99.9 | 36.8 | 42 |
| 34.6 | 90.5 | 9886.3 | 275.0 | -47.5 | 99.9 | 225.9 | 24.4 | 17.5 | 17.0 | 326.5 | 326.5 | 99.9 | 99.9 | 40.5 | 42 |
| 36.9 | 94.8 | 10511.0 | 250.0 | -51.4 | 99.9 | 233.2 | 27.2 | 21.8 | 16.3 | 329.7 | 329.7 | 99.9 | 99.9 | 44.0 | 42 |
| 39.6 | 99.4 | 11188.0 | 225.0 | -55.7 | 99.9 | 239.6 | 28.2 | 24.4 | 14.3 | 333.1 | 333.1 | 99.9 | 99.9 | 48.3 | 44 |
| 42.4 | 104.4 | 11938.9 | 200.0 | -54.6 | 99.9 | 236.0 | 22.9 | 19.0 | 12.8 | 345.8 | 345.8 | 99.9 | 99.9 | 52.5 | 45 |
| 45.6 | 109.6 | 12795.1 | 175.0 | -54.6 | 99.9 | 239.7 | 24.2 | 20.9 | 12.2 | 359.8 | 359.8 | 99.9 | 99.9 | 56.9 | 46 |
| 49.4 | 115.5 | 13791.0 | 150.0 | -53.1 | 99.9 | 242.9 | 26.4 | 23.5 | 12.0 | 378.6 | 378.6 | 99.9 | 99.9 | 62.9 | 47 |
| 53.4 | 122.0 | 14954.4 | 125.0 | -56.4 | 99.9 | 252.6 | 22.8 | 21.7 | 6.8 | 392.9 | 392.9 | 99.9 | 99.9 | 68.3 | 49 |
| 58.6 | 129.3 | 16361.7 | 100.0 | -58.5 | 99.9 | 242.9 | 20.5 | 18.3 | 9.4 | 414.7 | 414.7 | 99.9 | 99.9 | 74.6 | 51 |
| 65.0 | 137.7 | 18154.9 | 75.0 | -61.7 | 99.9 | 195.1 | 9.9 | 2.6 | 9.6 | 443.5 | 443.5 | 99.9 | 99.9 | 80.6 | 52 |
| 73.8 | 147.3 | 20673.9 | 50.0 | -59.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 502.8 | 502.8 | 99.9 | 99.9 | 99.9 | 999 |
| 99.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

ORIGINAL PAGE IS
OF POOR QUALITY

| STATION NO. 2 HENRIETTA, TEXAS 24 APRIL 1982 2000 GMT | | | | | | | | | | | | | | 89 | 238. | 0 |
|----------------------------------------------------------------|-------|---------------|------------|--------------|----------------|------------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|---|
| TIME MIN | ONTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | D/LR OG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/AG | RH PCT | RANGE KM | AZ DG | |
| 0.0 | 8.6 | 287.5 | 980.7 | 14.2 | 10.0 | 150.0 | 6.0 | -3.0 | 5.2 | 289.0 | 309.5 | 7.9 | 76.0 | 0.0 | 0.0 | |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | |
| 0.1 | 9.1 | 336.7 | 975.0 | 13.4 | 9.0 | 99.9 | 99.9 | 99.9 | 99.9 | 288.6 | 307.9 | 7.4 | 74.6 | 99.9 | 99.9 | |
| 0.7 | 11.4 | 554.7 | 950.0 | 11.0 | 8.6 | 99.9 | 99.9 | 99.9 | 99.9 | 288.3 | 307.5 | 7.4 | 85.2 | 99.9 | 99.9 | |
| 1.3 | 13.6 | 776.7 | 925.0 | 8.8 | 8.0 | 99.9 | 99.9 | 99.9 | 99.9 | 288.3 | 307.3 | 7.3 | 94.5 | 99.9 | 99.9 | |
| 2.1 | 16.0 | 1003.2 | 900.0 | 7.4 | 6.5 | 99.9 | 99.9 | 99.9 | 99.9 | 288.1 | 307.0 | 6.8 | 94.1 | 1.3 | 354. | |
| 2.6 | 18.2 | 1235.1 | 875.0 | 6.3 | 5.5 | 99.9 | 99.9 | 99.9 | 99.9 | 288.1 | 307.0 | 6.5 | 94.7 | 1.3 | 357. | |
| 3.2 | 20.7 | 1473.6 | 850.0 | 7.2 | 6.4 | 186.4 | 11.7 | 2.4 | 11.6 | 290.3 | 307.5 | 6.5 | 94.7 | 1.3 | 357. | |
| 3.9 | 23.1 | 1719.3 | 825.0 | 5.9 | 5.2 | 200.5 | 11.2 | 3.3 | 11.2 | 293.8 | 312.8 | 7.1 | 94.6 | 2.0 | 0 | |
| 4.6 | 25.5 | 1971.4 | 800.0 | 5.2 | 0.7 | 201.6 | 10.4 | 3.8 | 10.5 | 294.9 | 313.0 | 5.1 | 94.8 | 2.5 | 4. | |
| 5.3 | 28.0 | 2229.7 | 775.0 | 4.3 | 0.7 | 216.3 | 7.8 | 4.6 | 9.6 | 298.7 | 310.7 | 5.1 | 72.8 | 3.0 | 7. | |
| 6.0 | 30.5 | 2497.7 | 750.0 | 4.3 | -23.5 | 221.1 | 8.0 | 5.3 | 6.3 | 303.6 | 305.1 | 1.0 | 15.2 | 3.3 | 9. | |
| 6.8 | 33.0 | 2773.3 | 725.0 | 3.4 | -22.3 | 218.5 | 9.7 | 5.6 | 7.9 | 306.0 | 306.0 | 0.8 | 10.1 | 3.6 | 12. | |
| 7.5 | 35.6 | 3057.0 | 700.0 | 1.8 | -27.3 | 215.2 | 11.0 | 6.8 | 8.6 | 304.2 | 306.0 | 0.6 | 13.0 | 3.9 | 14. | |
| 8.2 | 38.2 | 3348.6 | 675.0 | -0.8 | -33.4 | 210.8 | 13.7 | 8.9 | 10.4 | 304.8 | 305.9 | 0.3 | 9.7 | 4.3 | 16. | |
| 8.9 | 40.8 | 3638.6 | 650.0 | -3.1 | -19.7 | 205.7 | 14.9 | 10.7 | 10.4 | 305.5 | 305.9 | 1.3 | 6.3 | 4.8 | 18. | |
| 9.8 | 43.6 | 3927.8 | 625.0 | -5.9 | -10.6 | 200.5 | 16.5 | 12.8 | 10.5 | 305.5 | 309.4 | 1.3 | 27.2 | 5.4 | 22. | |
| 10.6 | 46.3 | 4216.1 | 600.0 | -8.6 | -13.2 | 223.2 | 19.5 | 15.4 | 10.5 | 305.7 | 313.8 | 2.7 | 69.4 | 6.1 | 25. | |
| 11.4 | 49.1 | 4504.5 | 575.0 | -11.1 | -23.8 | 223.2 | 21.6 | 17.3 | 11.9 | 308.2 | 313.1 | 2.3 | 69.6 | 6.9 | 28. | |
| 12.3 | 52.0 | 4794.5 | 550.0 | -13.7 | -50.4 | 235.1 | 21.9 | 18.0 | 12.5 | 307.8 | 310.2 | 1.0 | 34.5 | 7.9 | 31. | |
| 13.3 | 54.9 | 5086.2 | 525.0 | -16.4 | -52.9 | 237.9 | 22.9 | 19.4 | 12.2 | 308.7 | 308.9 | 0.1 | 2.7 | 9.0 | 34. | |
| 14.2 | 57.9 | 5378.1 | 500.0 | -19.0 | -54.1 | 240.6 | 24.5 | 21.4 | 12.0 | 309.9 | 310.1 | 0.0 | 2.8 | 10.1 | 37. | |
| 15.1 | 61.0 | 5661.1 | 475.0 | -21.5 | -55.2 | 239.1 | 25.1 | 22.4 | 13.4 | 311.4 | 311.6 | 0.0 | 3.0 | 11.3 | 39. | |
| 16.1 | 64.1 | 5947.2 | 450.0 | -24.7 | -57.6 | 234.8 | 25.9 | 22.4 | 14.9 | 311.4 | 312.4 | 0.0 | 3.0 | 12.7 | 42. | |
| 17.2 | 67.4 | 6234.6 | 425.0 | -28.0 | -59.3 | 232.5 | 26.7 | 21.2 | 16.2 | 313.2 | 312.4 | 0.0 | 3.2 | 14.3 | 44. | |
| 18.3 | 70.7 | 6521.8 | 400.0 | -29.5 | -61.4 | 231.1 | 27.7 | 21.2 | 17.4 | 313.2 | 313.3 | 0.0 | 3.2 | 15.9 | 45. | |
| 19.3 | 74.1 | 6808.4 | 375.0 | -32.8 | -63.4 | 231.1 | 28.3 | 21.6 | 17.2 | 316.7 | 316.8 | 0.0 | 2.8 | 17.6 | 46. | |
| 20.5 | 77.7 | 7094.4 | 350.0 | -36.4 | -65.0 | 232.6 | 28.4 | 22.5 | 16.2 | 318.3 | 318.3 | 0.0 | 2.9 | 19.4 | 47. | |
| 21.7 | 81.6 | 7380.4 | 325.0 | -39.6 | -69.9 | 233.7 | 28.1 | 23.3 | 16.7 | 319.6 | 319.7 | 0.0 | 3.4 | 21.4 | 47. | |
| 22.9 | 85.4 | 7666.4 | 300.0 | -42.6 | -72.2 | 233.7 | 29.2 | 23.3 | 17.7 | 322.1 | 319.9 | 99.9 | 99.9 | 23.3 | 47. | |
| 24.2 | 89.5 | 7952.4 | 275.0 | -47.2 | -75.0 | 233.7 | 29.9 | 23.3 | 17.7 | 325.3 | 319.9 | 99.9 | 99.9 | 25.5 | 48. | |
| 25.5 | 93.8 | 8238.4 | 250.0 | -51.3 | -77.7 | 233.7 | 29.9 | 23.3 | 17.7 | 328.8 | 319.9 | 99.9 | 99.9 | 27.6 | 48. | |
| 26.8 | 98.9 | 8524.4 | 225.0 | -55.0 | -80.0 | 233.7 | 29.9 | 23.3 | 17.7 | 332.3 | 319.9 | 99.9 | 99.9 | 29.8 | 48. | |
| 28.1 | 103.8 | 8810.4 | 200.0 | -58.0 | -83.0 | 233.7 | 29.9 | 23.3 | 17.7 | 335.8 | 319.9 | 99.9 | 99.9 | 32.0 | 48. | |
| 29.4 | 108.8 | 9096.4 | 175.0 | -61.0 | -86.0 | 233.7 | 29.9 | 23.3 | 17.7 | 339.3 | 319.9 | 99.9 | 99.9 | 34.2 | 48. | |
| 30.7 | 113.8 | 9382.4 | 150.0 | -64.0 | -89.0 | 233.7 | 29.9 | 23.3 | 17.7 | 342.8 | 319.9 | 99.9 | 99.9 | 36.4 | 48. | |
| 32.0 | 118.8 | 9668.4 | 125.0 | -67.0 | -92.0 | 233.7 | 29.9 | 23.3 | 17.7 | 346.3 | 319.9 | 99.9 | 99.9 | 38.6 | 48. | |
| 33.3 | 123.8 | 9954.4 | 100.0 | -70.0 | -95.0 | 233.7 | 29.9 | 23.3 | 17.7 | 349.8 | 319.9 | 99.9 | 99.9 | 40.8 | 48. | |
| 34.6 | 128.8 | 10240.4 | 75.0 | -73.0 | -98.0 | 233.7 | 29.9 | 23.3 | 17.7 | 353.3 | 319.9 | 99.9 | 99.9 | 43.0 | 48. | |
| 35.9 | 133.8 | 10526.4 | 50.0 | -76.0 | -101.0 | 233.7 | 29.9 | 23.3 | 17.7 | 356.8 | 319.9 | 99.9 | 99.9 | 45.2 | 48. | |
| 37.2 | 138.8 | 10812.4 | 25.0 | -79.0 | -104.0 | 233.7 | 29.9 | 23.3 | 17.7 | 360.3 | 319.9 | 99.9 | 99.9 | 47.4 | 48. | |
| 38.5 | 143.8 | 11098.4 | 0.0 | -82.0 | -107.0 | 233.7 | 29.9 | 23.3 | 17.7 | 363.8 | 319.9 | 99.9 | 99.9 | 49.6 | 48. | |
| 39.8 | 148.8 | 11384.4 | 0.0 | -85.0 | -110.0 | 233.7 | 29.9 | 23.3 | 17.7 | 367.3 | 319.9 | 99.9 | 99.9 | 51.8 | 48. | |
| 41.1 | 153.8 | 11670.4 | 0.0 | -88.0 | -113.0 | 233.7 | 29.9 | 23.3 | 17.7 | 370.8 | 319.9 | 99.9 | 99.9 | 54.0 | 48. | |
| 42.4 | 158.8 | 11956.4 | 0.0 | -91.0 | -116.0 | 233.7 | 29.9 | 23.3 | 17.7 | 374.3 | 319.9 | 99.9 | 99.9 | 56.2 | 48. | |
| 43.7 | 163.8 | 12242.4 | 0.0 | -94.0 | -119.0 | 233.7 | 29.9 | 23.3 | 17.7 | 377.8 | 319.9 | 99.9 | 99.9 | 58.4 | 48. | |
| 45.0 | 168.8 | 12528.4 | 0.0 | -97.0 | -122.0 | 233.7 | 29.9 | 23.3 | 17.7 | 381.3 | 319.9 | 99.9 | 99.9 | 60.6 | 48. | |
| 46.3 | 173.8 | 12814.4 | 0.0 | -100.0 | -125.0 | 233.7 | 29.9 | 23.3 | 17.7 | 384.8 | 319.9 | 99.9 | 99.9 | 62.8 | 48. | |
| 47.6 | 178.8 | 13100.4 | 0.0 | -103.0 | -128.0 | 233.7 | 29.9 | 23.3 | 17.7 | 388.3 | 319.9 | 99.9 | 99.9 | 65.0 | 48. | |
| 48.9 | 183.8 | 13386.4 | 0.0 | -106.0 | -131.0 | 233.7 | 29.9 | 23.3 | 17.7 | 391.8 | 319.9 | 99.9 | 99.9 | 67.2 | 48. | |
| 50.2 | 188.8 | 13672.4 | 0.0 | -109.0 | -134.0 | 233.7 | 29.9 | 23.3 | 17.7 | 395.3 | 319.9 | 99.9 | 99.9 | 69.4 | 48. | |
| 51.5 | 193.8 | 13958.4 | 0.0 | -112.0 | -137.0 | 233.7 | 29.9 | 23.3 | 17.7 | 398.8 | 319.9 | 99.9 | 99.9 | 71.6 | 48. | |
| 52.8 | 198.8 | 14244.4 | 0.0 | -115.0 | -140.0 | 233.7 | 29.9 | 23.3 | 17.7 | 402.3 | 319.9 | 99.9 | 99.9 | 73.8 | 48. | |
| 54.1 | 203.8 | 14530.4 | 0.0 | -118.0 | -143.0 | 233.7 | 29.9 | 23.3 | 17.7 | 405.8 | 319.9 | 99.9 | 99.9 | 76.0 | 48. | |
| 55.4 | 208.8 | 14816.4 | 0.0 | -121.0 | -146.0 | 233.7 | 29.9 | 23.3 | 17.7 | 409.3 | 319.9 | 99.9 | 99.9 | 78.2 | 48. | |
| 56.7 | 213.8 | 15102.4 | 0.0 | -124.0 | -149.0 | 233.7 | 29.9 | 23.3 | 17.7 | 412.8 | 319.9 | 99.9 | 99.9 | 80.4 | 48. | |
| 58.0 | 218.8 | 15388.4 | 0.0 | -127.0 | -152.0 | 233.7 | 29.9 | 23.3 | 17.7 | 416.3 | 319.9 | 99.9 | 99.9 | 82.6 | 48. | |
| 59.3 | 223.8 | 15674.4 | 0.0 | -130.0 | -155.0 | 233.7 | 29.9 | 23.3 | 17.7 | 419.8 | 319.9 | 99.9 | 99.9 | 84.8 | 48. | |
| 60.6 | 228.8 | 15960.4 | 0.0 | -133.0 | -158.0 | 233.7 | 29.9 | 23.3 | 17.7 | 423.3 | 319.9 | 99.9 | 99.9 | 87.0 | 48. | |
| 61.9 | 233.8 | 16246.4 | 0.0 | -136.0 | -161.0 | 233.7 | 29.9 | 23.3 | 17.7 | 426.8 | 319.9 | 99.9 | 99.9 | 89.2 | 48. | |
| 63.2 | 238.8 | 16532.4 | 0.0 | -139.0 | -164.0 | 233.7 | 29.9 | 23.3 | 17.7 | 430.3 | 319.9 | 99.9 | 99.9 | 91.4 | 48. | |
| 64.5 | 243.8 | 16818.4 | 0.0 | -142.0 | -167.0 | 233.7 | 29.9 | 23.3 | 17.7 | 433.8 | 319.9 | 99.9 | 99.9 | 93.6 | 48. | |
| 65.8 | 248.8 | 17104.4 | 0.0 | -145.0 | -170.0 | 233.7 | 29.9 | 23.3 | 17.7 | 437.3 | 319.9 | 99.9 | 99.9 | 95.8 | 48. | |
| 67.1 | 253.8 | 17390.4 | 0.0 | -148.0 | -173.0 | 233.7 | 29.9 | 23.3 | 17.7 | 440.8 | 319.9 | 99.9 | 99.9 | 98.0 | 48. | |
| 68.4 | 258.8 | 17676.4 | 0.0 | -151.0 | -176.0 | 233.7 | 29.9 | 23.3 | 17.7 | 444.3 | 319.9 | 99.9 | 99.9 | 100.2 | 48. | |
| 69.7 | 263.8 | 17962.4 | 0.0 | -154.0 | -179.0 | 233.7 | 29.9 | 23.3 | 17.7 | 447.8 | 319.9 | 99.9 | 99.9 | 102.4 | 48. | |
| 71.0 | 268.8 | 18248.4 | 0.0 | -157.0 | -182.0 | 233.7 | 29.9 | 23.3 | 17.7 | 451.3 | 319.9 | 99.9 | 99.9 | 104.6 | 48. | |
| 72.3 | 273.8 | 18534.4 | 0.0 | -160.0 | -185.0 | 233.7 | 29.9 | 23.3 | 17.7 | 454.8 | 319.9 | 99.9 | 99.9 | 106.8 | 48. | |
| 73.6 | 278.8 | 18820.4 | 0.0 | -163.0 | -188.0 | 233.7 | 29.9 | 23.3 | 17.7 | 458.3 | 319.9 | 99.9 | 99.9 | 109.0 | 48. | |
| 74.9 | 283.8 | 19106.4 | 0.0 | -166.0 | -191.0 | 233.7 | 29.9 | 23.3 | 17.7 | 461.8 | 319.9 | 99.9 | 99.9 | 111.2 | 48. | |
| 76.2 | 288.8 | 19392.4 | 0.0 | -169.0 | -194.0 | 233.7 | 29.9 | 23.3 | 17.7 | 465.3 | 319.9 | 99.9 | 99.9 | 113.4 | 48. | |
| 77.5 | 293.8 | 19678.4 | 0.0 | -172.0 | -197.0 | 233.7 | 29.9 | 23.3 | 17.7 | 468.8 | 319.9 | 99.9 | 99.9 | 115.6 | 48. | |
| 78.8 | 298.8 | 19964.4 | 0.0 | -175.0 | -200.0 | 233.7 | 29.9 | 23.3 | 17.7 | 472.3 | 319.9 | 99.9 | 99.9 | 117.8 | 48. | |
| 80.1 | 303.8 | 20250.4 | 0.0 | -178.0 | -203.0 | 233.7 | 29.9 | 23.3 | 17.7 | 475.8 | 319.9 | 99.9 | 99.9 | 120.0 | 48. | |
| 81.4 | 308.8 | 20536.4 | 0.0 | -181.0 | -206.0 | 233.7 | 29.9 | 23.3 | 17.7 | 479.3 | 319.9 | 99.9 | 99.9 | 122.2 | 48. | |
| 82.7 | 313.8 | 20822.4 | 0.0 | -184.0 | -209.0 | 233.7 | 29.9 | 23.3 | 17.7 | 482.8 | 319.9 | 99.9 | 99.9 | 124.4 | 48. | |
| 84.0 | 318.8 | 21108.4 | 0.0 | -187.0 | -212.0 | 233.7 | 29.9 | 23.3 | 17.7 | 486.3 | 319.9 | 99.9 | 99.9 | 126.6 | 48. | |
| 85.3 | 323.8 | 21394.4 | 0.0 | -190.0 | -215.0 | 233.7 | 29.9 | 23.3 | 17.7 | 489.8 | 319.9 | 99.9 | 99.9 | 128.8 | 48. | |
| 86.6 | 328.8 | 21680.4 | 0.0 | -193.0 | - | | | | | | | | | | | |

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 2
HENRIETTA, TEXAS
24 APRIL 1982
2305 GMT

136 58 0

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POI T DG K | E POT T DG K | MX RTO GM/AG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 9.1 | 287.5 | 978.0 | 15.8 | 10.5 | 150.0 | 5.0 | -2.5 | 4.3 | 290.8 | 312.3 | 8.2 | 71.0 | 0.0 | 0 |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999 |
| 0.1 | 9.4 | 313.6 | 975.0 | 15.1 | 10.2 | 151.1 | 6.6 | -3.2 | 5.8 | 290.3 | 311.4 | 8.1 | 73.0 | 0.1 | 351 |
| 0.8 | 11.6 | 532.5 | 950.0 | 11.6 | 9.6 | 158.2 | 11.4 | -4.2 | 10.5 | 289.0 | 309.5 | 7.9 | 87.5 | 0.5 | 331 |
| 1.4 | 13.9 | 755.1 | 925.0 | 9.6 | 8.9 | 171.5 | 12.5 | -1.8 | 12.3 | 289.2 | 309.4 | 8.2 | 95.3 | 0.9 | 336 |
| 2.1 | 16.4 | 983.1 | 900.0 | 9.8 | 9.2 | 191.0 | 12.5 | 2.4 | 12.3 | 289.6 | 313.0 | 8.2 | 96.2 | 1.4 | 345 |
| 2.8 | 18.7 | 1215.9 | 875.0 | 9.0 | 7.4 | 202.1 | 12.8 | 4.8 | 11.8 | 292.2 | 311.8 | 7.4 | 95.6 | 1.9 | 355 |
| 3.4 | 21.1 | 1455.2 | 850.0 | 9.0 | -0.9 | 213.4 | 12.8 | 6.7 | 10.2 | 295.6 | 307.3 | 4.2 | 50.2 | 2.3 | 7 |
| 4.1 | 23.6 | 1704.5 | 825.0 | 9.7 | -4.4 | 220.9 | 12.1 | 7.9 | 9.1 | 298.8 | 308.4 | 3.4 | 36.8 | 2.7 | 12 |
| 4.7 | 26.0 | 1958.8 | 800.0 | 7.4 | -5.2 | 222.2 | 12.5 | 8.4 | 9.3 | 299.0 | 308.3 | 3.3 | 40.5 | 3.1 | 12 |
| 5.4 | 28.5 | 2219.6 | 775.0 | 5.8 | -8.4 | 223.2 | 14.5 | 9.9 | 10.6 | 300.0 | 307.7 | 2.6 | 35.3 | 3.6 | 17 |
| 6.2 | 31.0 | 2487.3 | 750.0 | 4.9 | -9.4 | 219.7 | 14.7 | 9.4 | 11.3 | 301.9 | 309.2 | 2.5 | 34.5 | 4.2 | 21 |
| 6.9 | 33.5 | 2762.8 | 725.0 | 3.0 | -16.1 | 222.1 | 14.3 | 9.6 | 10.6 | 302.7 | 309.3 | 1.5 | 23.6 | 4.8 | 23 |
| 7.6 | 36.1 | 3045.5 | 700.0 | 0.3 | -10.1 | 227.6 | 15.0 | 11.1 | 10.1 | 302.8 | 310.3 | 2.5 | 45.6 | 5.4 | 25 |
| 8.5 | 38.7 | 3335.9 | 675.0 | -2.6 | -11.9 | 234.1 | 15.6 | 12.7 | 9.2 | 302.8 | 309.5 | 2.3 | 48.9 | 6.1 | 26 |
| 9.3 | 41.3 | 3634.1 | 650.0 | -4.8 | -22.8 | 238.1 | 17.8 | 15.1 | 9.4 | 303.6 | 307.6 | 1.3 | 32.0 | 6.8 | 32 |
| 10.1 | 44.1 | 3920.2 | 625.0 | -5.6 | -36.8 | 242.7 | 19.5 | 16.8 | 8.7 | 306.0 | 305.9 | 0.3 | 6.4 | 7.6 | 35 |
| 11.0 | 46.9 | 4260.7 | 600.0 | -7.8 | -35.0 | 247.7 | 19.5 | 18.1 | 7.4 | 307.2 | 308.2 | 0.3 | 9.0 | 8.5 | 38 |
| 11.9 | 49.7 | 4590.0 | 575.0 | -10.4 | -36.8 | 251.2 | 21.1 | 19.9 | 6.8 | 307.8 | 310.0 | 0.2 | 9.3 | 10.5 | 42 |
| 12.8 | 52.6 | 4930.7 | 550.0 | -12.6 | -39.5 | 252.3 | 21.5 | 20.4 | 6.6 | 310.2 | 310.7 | 0.2 | 8.4 | 11.6 | 48 |
| 13.8 | 55.5 | 5284.1 | 525.0 | -15.2 | -42.7 | 252.3 | 21.5 | 20.7 | 6.6 | 310.5 | 311.0 | 0.1 | 7.3 | 12.8 | 50 |
| 14.8 | 58.1 | 5650.3 | 500.0 | -18.5 | -45.4 | 253.8 | 22.4 | 21.7 | 5.6 | 310.4 | 310.9 | 0.1 | 9.4 | 14.0 | 52 |
| 15.7 | 61.6 | 6030.2 | 475.0 | -22.3 | -46.0 | 255.6 | 23.0 | 22.5 | 4.9 | 310.8 | 311.1 | 0.1 | 9.4 | 15.3 | 55 |
| 16.8 | 64.8 | 6424.6 | 450.0 | -25.8 | -53.0 | 258.5 | 23.6 | 23.2 | 4.3 | 310.9 | 311.1 | 0.1 | 8.3 | 16.6 | 57 |
| 17.8 | 68.0 | 6835.3 | 425.0 | -29.8 | -55.0 | 259.5 | 25.0 | 24.9 | 4.5 | 311.5 | 311.7 | 0.1 | 9.3 | 18.1 | 59 |
| 19.0 | 71.3 | 7254.6 | 400.0 | -33.5 | -57.1 | 259.5 | 25.8 | 27.5 | 4.8 | 313.8 | 314.0 | 0.0 | 9.3 | 19.8 | 60 |
| 20.1 | 74.6 | 7715.4 | 375.0 | -36.1 | -58.7 | 251.0 | 29.1 | 32.9 | 9.5 | 318.0 | 318.2 | 0.0 | 8.9 | 21.8 | 62 |
| 21.4 | 78.3 | 8192.2 | 350.0 | -39.6 | -60.2 | 250.6 | 34.8 | 32.9 | 11.6 | 322.1 | 322.3 | 0.0 | 8.9 | 24.1 | 62 |
| 22.6 | 82.0 | 8702.2 | 325.0 | -37.6 | -58.7 | 250.6 | 34.8 | 30.7 | 8.9 | 323.5 | 322.3 | 0.0 | 99.9 | 26.7 | 63 |
| 23.8 | 85.8 | 9244.7 | 300.0 | -43.9 | 99.9 | 254.4 | 31.9 | 30.7 | 8.6 | 325.6 | 322.3 | 99.9 | 99.9 | 29.6 | 65 |
| 25.4 | 90.0 | 9823.7 | 275.0 | -47.4 | 99.9 | 254.3 | 29.6 | 28.1 | 9.4 | 331.4 | 322.3 | 99.9 | 99.9 | 32.4 | 65 |
| 26.9 | 94.2 | 10449.9 | 250.0 | -50.3 | 99.9 | 251.5 | 29.8 | 27.4 | 11.7 | 337.0 | 322.3 | 99.9 | 99.9 | 35.3 | 66 |
| 28.6 | 98.8 | 11132.9 | 225.0 | -53.2 | 99.9 | 246.8 | 29.6 | 26.7 | 12.6 | 346.5 | 322.3 | 99.9 | 99.9 | 38.8 | 66 |
| 30.5 | 103.6 | 11888.7 | 200.0 | -54.5 | 99.9 | 247.7 | 28.6 | 24.6 | 10.5 | 358.3 | 322.3 | 99.9 | 99.9 | 42.5 | 66 |
| 32.9 | 108.6 | 12733.0 | 175.0 | -55.5 | 99.9 | 245.1 | 26.0 | 23.8 | 10.2 | 373.5 | 322.3 | 99.9 | 99.9 | 47.3 | 66 |
| 36.0 | 114.7 | 13725.0 | 150.0 | -56.1 | 99.9 | 247.4 | 26.6 | 24.6 | 10.2 | 373.5 | 322.3 | 99.9 | 99.9 | 52.8 | 66 |
| 39.3 | 121.0 | 14889.1 | 125.0 | -55.8 | 99.9 | 254.9 | 28.4 | 27.5 | 7.4 | 394.1 | 322.3 | 99.9 | 99.9 | 58.0 | 67 |
| 43.1 | 128.5 | 16286.7 | 100.0 | -59.9 | 99.9 | 249.9 | 15.5 | 14.6 | 5.3 | 412.1 | 322.3 | 99.9 | 99.9 | 61.2 | 67 |
| 48.2 | 137.0 | 18076.3 | 75.0 | -63.2 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 440.4 | 322.3 | 99.9 | 99.9 | 99.9 | 999 |
| 99.9 | 99.9 | 99.9 | 50.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999 |
| 99.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
** BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
*** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
*** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 2
HENRIETTA, TEXAS
25 APRIL 1982
200 GMT

| TIME MIN | ONTGT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTG GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0 | 9.3 | 287.5 | 975.6 | 13.4 | 10.8 | 150.0 | 7.7 | -3.9 | 6.7 | 288.6 | 310.2 | 8.4 | 84.0 | 0.0 | 0 |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.0 | 9.4 | 292.7 | 975.0 | 13.3 | 10.8 | 150.0 | 8.2 | -4.1 | 7.1 | 288.5 | 310.2 | 8.4 | 84.6 | 0.0 | 357. |
| 0.8 | 11.6 | 510.8 | 950.0 | 10.9 | 9.9 | 157.9 | 15.1 | -5.7 | 14.0 | 288.3 | 309.2 | 8.1 | 93.4 | 0.6 | 322. |
| 1.4 | 14.0 | 733.3 | 925.0 | 10.5 | 9.6 | 174.9 | 17.4 | -1.5 | 17.3 | 290.0 | 311.2 | 8.1 | 93.9 | 1.2 | 333. |
| 2.1 | 16.4 | 982.4 | 900.0 | 10.3 | 9.3 | 183.6 | 18.3 | 1.2 | 18.3 | 292.2 | 313.8 | 8.2 | 93.1 | 1.8 | 345. |
| 2.7 | 18.8 | 1196.3 | 875.0 | 10.3 | 7.0 | 192.6 | 14.8 | 3.2 | 14.5 | 292.3 | 311.4 | 7.2 | 92.1 | 2.5 | 350. |
| 3.5 | 21.2 | 1438.3 | 850.0 | 12.3 | -17.0 | 209.4 | 12.7 | 6.2 | 11.1 | 299.1 | 302.7 | 1.2 | 10.7 | 3.0 | 356. |
| 4.2 | 23.7 | 1687.6 | 825.0 | 11.2 | -18.5 | 212.8 | 12.3 | 6.6 | 10.3 | 300.4 | 303.7 | 1.1 | 10.7 | 3.5 | 2. |
| 5.1 | 26.2 | 1942.1 | 800.0 | 8.7 | -18.2 | 217.7 | 11.9 | 7.3 | 9.4 | 300.4 | 303.9 | 1.1 | 12.9 | 4.0 | 8. |
| 5.8 | 28.8 | 2204.1 | 775.0 | 6.5 | -25.2 | 224.7 | 12.7 | 8.9 | 9.0 | 300.8 | 302.8 | 0.6 | 8.1 | 4.5 | 11. |
| 6.6 | 31.3 | 2471.7 | 750.0 | 4.3 | -31.3 | 238.2 | 11.6 | 9.6 | 5.9 | 301.3 | 302.5 | 0.4 | 11.5 | 4.9 | 15. |
| 7.5 | 33.9 | 2740.5 | 725.0 | 2.5 | -24.8 | 252.7 | 11.3 | 11.8 | 3.4 | 302.3 | 304.5 | 0.7 | 11.5 | 5.3 | 20. |
| 8.3 | 36.4 | 3029.7 | 700.0 | 1.6 | -32.6 | 260.3 | 12.0 | 12.4 | 2.0 | 304.2 | 305.9 | 0.4 | 6.2 | 5.8 | 25. |
| 9.1 | 39.1 | 3321.3 | 675.0 | -0.8 | -33.7 | 262.2 | 12.5 | 12.7 | 1.7 | 304.8 | 307.8 | 0.3 | 6.2 | 6.0 | 30. |
| 10.9 | 41.8 | 3621.2 | 650.0 | -3.3 | -24.7 | 267.4 | 12.8 | 12.8 | 0.6 | 305.2 | 307.8 | 0.8 | 17.4 | 6.4 | 35. |
| 10.9 | 44.6 | 3929.9 | 625.0 | -5.8 | -19.3 | 271.0 | 12.8 | 12.8 | -0.2 | 305.8 | 308.2 | 0.7 | 19.7 | 6.8 | 39. |
| 12.0 | 47.3 | 4247.8 | 600.0 | -8.7 | -29.4 | 261.8 | 15.0 | 14.8 | 2.1 | 306.1 | 308.2 | 0.7 | 19.7 | 7.4 | 45. |
| 13.0 | 50.1 | 4576.6 | 575.0 | -10.2 | -53.6 | 252.7 | 18.3 | 18.4 | 5.7 | 308.0 | 308.2 | 0.0 | 1.4 | 8.3 | 48. |
| 14.1 | 53.1 | 4917.7 | 550.0 | -12.4 | -57.6 | 252.9 | 21.2 | 20.3 | 6.2 | 309.4 | 309.5 | 0.0 | 1.0 | 9.6 | 51. |
| 15.1 | 56.0 | 5270.9 | 525.0 | -15.4 | -59.4 | 252.7 | 21.7 | 20.8 | 6.5 | 310.0 | 310.0 | 0.0 | 1.0 | 10.8 | 54. |
| 16.1 | 59.1 | 5638.6 | 500.0 | -19.0 | -61.6 | 253.4 | 22.5 | 21.6 | 6.4 | 309.9 | 309.9 | 0.0 | 1.1 | 12.1 | 58. |
| 17.1 | 62.1 | 6016.1 | 475.0 | -22.3 | -83.3 | 255.8 | 21.4 | 20.7 | 5.2 | 310.4 | 310.4 | 0.0 | 1.1 | 13.3 | 59. |
| 18.1 | 65.4 | 6410.3 | 450.0 | -26.3 | -84.8 | 254.1 | 20.9 | 20.1 | 5.7 | 310.2 | 310.3 | 0.0 | 1.3 | 14.5 | 59. |
| 19.2 | 68.6 | 6820.4 | 425.0 | -30.2 | -85.2 | 256.1 | 18.7 | 18.2 | 4.3 | 310.4 | 310.4 | 0.0 | 1.7 | 15.8 | 61. |
| 20.3 | 72.0 | 7248.2 | 400.0 | -34.2 | -88.3 | 258.1 | 19.5 | 19.0 | 4.0 | 310.6 | 310.6 | 0.0 | 1.8 | 16.9 | 62. |
| 21.4 | 75.4 | 7696.9 | 375.0 | -37.6 | -89.7 | 257.9 | 23.3 | 22.8 | 4.9 | 311.9 | 311.9 | 0.0 | 2.0 | 18.3 | 63. |
| 22.7 | 79.0 | 8171.4 | 350.0 | -38.1 | -70.2 | 257.2 | 29.6 | 28.8 | 6.6 | 317.4 | 317.4 | 0.0 | 1.9 | 20.3 | 65. |
| 23.9 | 82.8 | 8678.0 | 325.0 | -42.0 | -99.3 | 254.8 | 31.1 | 30.0 | 8.2 | 318.8 | 318.8 | 99.9 | 99.9 | 22.5 | 66. |
| 25.3 | 86.7 | 9216.1 | 300.0 | -45.6 | -99.9 | 253.4 | 31.9 | 30.5 | 9.1 | 321.2 | 321.2 | 99.9 | 99.9 | 25.1 | 67. |
| 26.8 | 90.7 | 9792.2 | 275.0 | -48.5 | -99.9 | 253.1 | 32.4 | 31.0 | 9.4 | 325.0 | 325.0 | 99.9 | 99.9 | 28.0 | 67. |
| 28.8 | 95.0 | 10414.6 | 250.0 | -50.9 | -99.9 | 250.6 | 28.2 | 26.6 | 11.6 | 330.5 | 330.5 | 99.9 | 99.9 | 31.4 | 68. |
| 30.9 | 99.6 | 11098.8 | 225.0 | -52.8 | -99.9 | 246.7 | 29.3 | 26.9 | 11.6 | 337.7 | 337.7 | 99.9 | 99.9 | 35.2 | 68. |
| 33.5 | 104.5 | 11856.4 | 200.0 | -54.0 | -99.9 | 247.0 | 26.1 | 24.0 | 10.2 | 347.2 | 347.2 | 99.9 | 99.9 | 39.2 | 68. |
| 36.2 | 109.8 | 12714.1 | 175.0 | -54.2 | -99.9 | 246.9 | 25.5 | 23.4 | 10.0 | 360.4 | 360.4 | 99.9 | 99.9 | 43.5 | 68. |
| 39.7 | 115.6 | 13701.4 | 150.0 | -56.5 | -99.9 | 250.3 | 22.2 | 20.9 | 7.5 | 372.8 | 372.8 | 99.9 | 99.9 | 48.0 | 68. |
| 43.3 | 122.0 | 14863.5 | 125.0 | -55.1 | -99.9 | 259.3 | 20.7 | 20.4 | 3.9 | 395.3 | 395.3 | 99.9 | 99.9 | 53.0 | 68. |
| 48.1 | 129.5 | 16267.8 | 100.0 | -60.1 | -99.9 | 253.9 | 14.0 | 13.4 | 3.9 | 411.7 | 411.7 | 99.9 | 99.9 | 57.9 | 69. |
| 53.6 | 138.0 | 18044.9 | 75.0 | -63.7 | -99.9 | 271.1 | 9.9 | 8.9 | -0.2 | 439.4 | 439.4 | 99.9 | 99.9 | 60.7 | 70. |
| 59.9 | 99.9 | 99.9 | 50.0 | -99.9 | -99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
 ** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

STATION NO. 2
HENRIETTA, TEXAS
25 APRIL 1982
502 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 00.0 | 99.9 | 287.5 | 976.0 | 13.2 | 10.9 | 120.0 | 12.9 | -11.2 | 6.4 | 288.4 | 310.2 | 8.4 | 86.0 | 0.0 | 0 |
| 00.9 | 99.9 | 296.2 | 1000.0 | 99.9 | 99.9 | 122.8 | 99.9 | 99.9 | 99.9 | 288.3 | 309.9 | 8.3 | 99.9 | 99.9 | 999 |
| 0.5 | 9.1 | 296.2 | 975.0 | 13.1 | 10.7 | 122.8 | 13.2 | -11.1 | 7.1 | 288.3 | 309.9 | 8.3 | 85.6 | 0.0 | 357 |
| 1.1 | 13.7 | 514.1 | 950.0 | 11.0 | 8.4 | 152.9 | 16.1 | -7.3 | 14.4 | 288.4 | 307.5 | 7.3 | 84.0 | 0.5 | 331 |
| 1.8 | 13.4 | 736.4 | 925.0 | 9.6 | 8.2 | 165.4 | 17.0 | -4.3 | 16.5 | 289.1 | 308.5 | 7.4 | 91.0 | 1.1 | 334 |
| 2.7 | 16.1 | 964.1 | 900.0 | 9.4 | 8.3 | 182.6 | 18.1 | 0.8 | 18.1 | 291.2 | 311.4 | 7.7 | 93.0 | 1.8 | 342 |
| 3.4 | 18.4 | 1198.0 | 875.0 | 10.9 | -17.1 | 203.1 | 17.0 | 6.7 | 15.6 | 295.2 | 311.4 | 1.2 | 13.7 | 2.8 | 353 |
| 4.0 | 20.8 | 1441.8 | 850.0 | 15.1 | -38.7 | 226.4 | 15.9 | 11.5 | 9.4 | 302.0 | 302.6 | 0.2 | 1.4 | 3.6 | 8 |
| 4.7 | 23.3 | 1693.5 | 825.0 | 13.8 | -39.5 | 237.6 | 17.5 | 14.8 | 7.4 | 303.1 | 303.7 | 0.1 | 1.4 | 3.6 | 8 |
| 5.4 | 25.8 | 1951.1 | 800.0 | 11.5 | -39.7 | 245.5 | 17.9 | 16.2 | 7.4 | 303.4 | 303.9 | 0.1 | 1.4 | 3.6 | 8 |
| 6.1 | 28.2 | 2214.6 | 775.0 | 9.1 | -37.6 | 245.7 | 18.5 | 16.8 | 7.6 | 303.6 | 304.2 | 0.2 | 2.1 | 4.7 | 24 |
| 6.9 | 30.7 | 2484.6 | 750.0 | 6.5 | -33.4 | 250.9 | 17.8 | 16.9 | 5.8 | 303.7 | 304.7 | 0.3 | 3.7 | 5.2 | 29 |
| 7.7 | 33.3 | 2761.0 | 725.0 | 3.9 | -21.5 | 257.0 | 18.0 | 17.5 | 4.0 | 303.8 | 306.7 | 0.9 | 13.5 | 5.8 | 35 |
| 8.4 | 35.9 | 3044.7 | 700.0 | 1.6 | -13.1 | 259.7 | 19.6 | 19.3 | 3.5 | 304.3 | 310.3 | 2.0 | 32.8 | 6.5 | 40 |
| 9.1 | 38.4 | 3336.5 | 675.0 | -1.3 | -10.1 | 260.7 | 20.5 | 20.2 | 3.3 | 304.2 | 312.0 | 2.6 | 51.1 | 7.2 | 45 |
| 10.1 | 41.1 | 3636.2 | 650.0 | -3.5 | -9.9 | 263.6 | 17.8 | 17.7 | 2.0 | 305.0 | 312.2 | 2.8 | 61.3 | 7.9 | 49 |
| 10.8 | 43.9 | 3945.2 | 625.0 | -5.9 | -13.6 | 257.8 | 16.6 | 16.2 | 3.5 | 305.7 | 312.7 | 2.1 | 54.2 | 8.7 | 52 |
| 11.6 | 46.7 | 4263.6 | 600.0 | -8.8 | -13.4 | 251.3 | 15.3 | 14.5 | 4.9 | 305.9 | 312.7 | 2.3 | 69.2 | 9.4 | 54 |
| 12.4 | 49.4 | 4592.1 | 575.0 | -11.0 | -24.4 | 247.3 | 14.0 | 12.9 | 5.4 | 307.2 | 310.2 | 0.9 | 32.8 | 10.1 | 55 |
| 13.3 | 52.3 | 4932.0 | 550.0 | -13.4 | -53.2 | 245.8 | 13.0 | 11.9 | 5.3 | 308.1 | 308.3 | 0.0 | 2.0 | 10.7 | 56 |
| 14.1 | 55.3 | 5284.0 | 525.0 | -15.9 | -60.0 | 240.6 | 12.2 | 13.3 | 7.5 | 309.4 | 308.3 | 0.0 | 1.0 | 11.3 | 56 |
| 15.0 | 58.3 | 5649.2 | 500.0 | -19.3 | -62.2 | 237.0 | 16.8 | 14.1 | 9.2 | 309.5 | 309.6 | 0.0 | 1.0 | 12.2 | 56 |
| 16.0 | 61.4 | 6028.3 | 475.0 | -22.3 | -64.1 | 236.6 | 15.8 | 13.2 | 8.7 | 310.4 | 310.4 | 0.0 | 1.0 | 13.1 | 56 |
| 17.1 | 64.5 | 6423.1 | 450.0 | -25.2 | -66.1 | 238.6 | 16.1 | 13.7 | 8.4 | 311.5 | 311.6 | 0.0 | 1.0 | 14.1 | 56 |
| 18.2 | 67.8 | 6834.7 | 425.0 | -29.1 | -68.6 | 243.3 | 17.3 | 15.4 | 7.8 | 311.7 | 311.7 | 0.0 | 1.0 | 15.1 | 57 |
| 19.3 | 71.1 | 7265.4 | 400.0 | -32.4 | -70.8 | 250.2 | 19.6 | 18.5 | 6.7 | 312.9 | 312.9 | 0.0 | 1.0 | 16.3 | 57 |
| 20.6 | 74.6 | 7717.3 | 375.0 | -36.1 | -72.7 | 257.9 | 20.1 | 19.7 | 4.2 | 313.8 | 313.9 | 0.0 | 1.0 | 17.6 | 59 |
| 22.0 | 78.1 | 8192.1 | 350.0 | -40.1 | -98.9 | 263.7 | 18.2 | 19.1 | 2.1 | 314.7 | 309.9 | 99.9 | 99.9 | 19.0 | 60 |
| 23.4 | 81.9 | 8694.2 | 325.0 | -43.3 | 99.9 | 268.3 | 22.7 | 22.2 | 4.6 | 317.0 | 309.9 | 99.9 | 99.9 | 20.6 | 62 |
| 24.8 | 85.7 | 9230.6 | 300.0 | -44.7 | 99.9 | 255.6 | 22.7 | 26.5 | 6.8 | 322.3 | 309.9 | 99.9 | 99.9 | 22.6 | 63 |
| 26.3 | 89.7 | 9809.5 | 275.0 | -48.0 | 99.9 | 250.7 | 27.5 | 26.0 | 9.1 | 325.0 | 309.9 | 99.9 | 99.9 | 24.9 | 64 |
| 28.4 | 94.0 | 10433.7 | 250.0 | -49.7 | 99.9 | 245.9 | 27.6 | 25.2 | 11.6 | 332.1 | 309.9 | 99.9 | 99.9 | 27.4 | 65 |
| 30.5 | 98.5 | 11171.6 | 225.0 | -53.5 | 99.9 | 245.8 | 28.3 | 25.8 | 11.6 | 336.5 | 309.9 | 99.9 | 99.9 | 31.0 | 65 |
| 33.4 | 103.4 | 12732.3 | 200.0 | -54.9 | 99.9 | 253.4 | 28.5 | 27.3 | 8.1 | 345.8 | 309.9 | 99.9 | 99.9 | 34.6 | 65 |
| 36.1 | 108.8 | 13721.1 | 175.0 | -52.7 | 99.9 | 253.9 | 25.5 | 24.5 | 7.1 | 362.9 | 309.9 | 99.9 | 99.9 | 39.1 | 66 |
| 39.2 | 114.5 | 1481.3 | 150.0 | -55.9 | 99.9 | 247.1 | 21.9 | 20.2 | 8.5 | 373.8 | 309.9 | 99.9 | 99.9 | 42.9 | 67 |
| 43.3 | 121.0 | 1694.8 | 125.0 | -55.3 | 99.9 | 258.3 | 19.1 | 18.7 | 3.9 | 394.8 | 309.9 | 99.9 | 99.9 | 46.8 | 67 |
| 48.6 | 137.0 | 18073.5 | 100.0 | -60.6 | 99.9 | 255.0 | 16.6 | 16.0 | 4.3 | 410.7 | 309.9 | 99.9 | 99.9 | 51.2 | 68 |
| 99.9 | 99.9 | 99.9 | 75.0 | -62.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 55.3 | 68 |
| 99.9 | 99.9 | 99.9 | 50.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 ** BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 *** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
 *** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL FORM
OF POOR QUALITY

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 3
DURANT, OKLAHOMA
24 APRIL 1982
1108 GMT

| TIME MIN | ONTC | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT I DG K | E POT I DG K | MX RTO CM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 7.4 | 211.0 | 994.6 | 10.0 | 7.4 | 110.0 | 1.8 | -1.7 | 0.6 | 283.6 | 300.3 | 5.5 | 84.0 | 0.0 | 0 |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999 |
| 0.7 | 9.3 | 377.4 | 975.0 | 12.5 | 2.2 | 176.5 | 4.9 | -0.3 | 4.9 | 287.7 | 300.0 | 4.6 | 49.7 | 0.2 | 352 |
| 1.6 | 11.6 | 595.3 | 950.0 | 11.8 | 1.1 | 181.1 | 5.4 | 0.1 | 5.4 | 289.1 | 300.9 | 4.4 | 47.9 | 0.4 | 358 |
| 2.4 | 14.0 | 817.7 | 925.0 | 10.0 | 0.1 | 176.8 | 5.6 | -0.3 | 5.6 | 289.5 | 300.9 | 4.2 | 50.3 | 0.7 | 359 |
| 3.2 | 16.4 | 1044.7 | 900.0 | 8.1 | -0.8 | 173.4 | 5.6 | -0.6 | 5.6 | 289.9 | 300.7 | 4.0 | 53.3 | 1.0 | 357 |
| 4.0 | 18.8 | 1276.5 | 875.0 | 6.2 | -2.0 | 180.0 | 4.3 | -0.0 | 4.3 | 290.2 | 300.5 | 3.8 | 55.5 | 1.2 | 356 |
| 5.0 | 21.3 | 1513.4 | 850.0 | 4.2 | -1.2 | 194.3 | 4.2 | 1.1 | 4.2 | 290.6 | 301.8 | 3.8 | 57.5 | 1.5 | 358 |
| 6.0 | 23.7 | 1756.3 | 825.0 | 3.6 | -2.5 | 240.1 | 6.6 | 5.8 | 3.3 | 292.4 | 302.8 | 3.8 | 62.9 | 1.7 | 358 |
| 6.8 | 26.1 | 2006.5 | 800.0 | 4.7 | 4.7 | 193.7 | 4.8 | 1.1 | 4.7 | 292.4 | 302.8 | 3.8 | 62.9 | 1.7 | 358 |
| 7.8 | 28.7 | 2285.5 | 775.0 | 3.5 | 3.5 | 193.9 | 4.1 | 1.0 | 4.0 | 297.5 | 314.3 | 6.4 | 100.4 | 1.9 | 12 |
| 8.7 | 31.2 | 2531.7 | 750.0 | 2.3 | 2.3 | 210.6 | 4.1 | 2.1 | 3.8 | 299.1 | 314.3 | 6.4 | 100.4 | 2.1 | 9 |
| 9.7 | 33.8 | 2805.4 | 725.0 | 0.8 | 0.6 | 221.0 | 5.0 | 3.3 | 3.8 | 300.4 | 315.7 | 5.5 | 98.2 | 2.6 | 13 |
| 10.7 | 36.4 | 3086.9 | 700.0 | -1.0 | -1.0 | 249.8 | 7.0 | 8.6 | 2.4 | 302.4 | 315.7 | 5.1 | 99.6 | 2.8 | 17 |
| 11.7 | 39.1 | 3376.5 | 675.0 | -2.9 | -3.5 | 264.0 | 6.6 | 8.5 | 0.9 | 302.4 | 314.9 | 4.4 | 96.1 | 3.1 | 27 |
| 12.7 | 41.8 | 3674.4 | 650.0 | -4.9 | -14.3 | 235.3 | 5.4 | 4.4 | 3.1 | 305.4 | 329.3 | 1.9 | 47.7 | 3.3 | 32 |
| 13.8 | 44.8 | 3982.4 | 625.0 | -6.1 | -18.7 | 213.6 | 3.6 | 2.0 | 3.0 | 305.4 | 329.3 | 1.3 | 38.0 | 3.5 | 33 |
| 15.0 | 47.3 | 4200.5 | 600.0 | -8.4 | -20.2 | 211.0 | 2.7 | 1.4 | 2.3 | 306.4 | 310.4 | 1.3 | 38.0 | 3.8 | 33 |
| 16.3 | 50.2 | 4429.1 | 575.0 | -11.1 | -21.3 | 999.9 | 99.9 | 99.9 | 99.9 | 307.0 | 310.6 | 1.1 | 40.2 | 4.0 | 32 |
| 18.8 | 53.1 | 4989.2 | 550.0 | -13.1 | -17.8 | 999.9 | 99.9 | 99.9 | 99.9 | 308.5 | 313.8 | 1.1 | 68.4 | 4.0 | 32 |
| 20.2 | 56.0 | 5323.5 | 525.0 | -13.7 | -13.3 | 999.9 | 99.9 | 99.9 | 99.9 | 312.0 | 313.8 | 2.2 | 98.4 | 4.0 | 32 |
| 21.6 | 59.1 | 5693.2 | 500.0 | -16.2 | -16.5 | 999.9 | 99.9 | 99.9 | 99.9 | 313.2 | 313.8 | 2.1 | 97.9 | 4.0 | 32 |
| 23.1 | 62.3 | 6078.4 | 475.0 | -18.2 | -21.1 | 999.9 | 99.9 | 99.9 | 99.9 | 315.4 | 320.2 | 1.5 | 78.0 | 4.0 | 32 |
| 24.7 | 65.4 | 6480.8 | 450.0 | -20.4 | -28.1 | 999.9 | 99.9 | 99.9 | 99.9 | 317.6 | 320.2 | 0.8 | 50.0 | 4.0 | 32 |
| 26.6 | 68.7 | 6901.3 | 425.0 | -23.5 | -39.9 | 999.9 | 99.9 | 99.9 | 99.9 | 318.5 | 320.2 | 0.8 | 50.0 | 4.0 | 32 |
| 28.2 | 72.1 | 7340.5 | 400.0 | -28.1 | -41.8 | 999.9 | 99.9 | 99.9 | 99.9 | 318.5 | 320.2 | 0.8 | 50.0 | 4.0 | 32 |
| 29.9 | 75.6 | 7801.1 | 375.0 | -31.3 | -37.8 | 999.9 | 99.9 | 99.9 | 99.9 | 320.2 | 321.5 | 0.3 | 52.5 | 4.0 | 32 |
| 31.6 | 79.2 | 8285.8 | 350.0 | -35.4 | -41.8 | 999.9 | 99.9 | 99.9 | 99.9 | 321.0 | 321.5 | 0.3 | 52.5 | 4.0 | 32 |
| 33.3 | 83.0 | 8796.6 | 325.0 | -40.1 | -41.8 | 999.9 | 99.9 | 99.9 | 99.9 | 321.5 | 321.5 | 0.3 | 52.5 | 4.0 | 32 |
| 35.0 | 86.9 | 9338.1 | 300.0 | -44.6 | -49.9 | 999.9 | 99.9 | 99.9 | 99.9 | 322.5 | 322.5 | 0.3 | 52.5 | 4.0 | 32 |
| 36.9 | 91.0 | 9914.0 | 275.0 | -49.6 | -59.9 | 999.9 | 99.9 | 99.9 | 99.9 | 323.4 | 323.4 | 0.3 | 52.5 | 4.0 | 32 |
| 38.6 | 95.3 | 10529.3 | 250.0 | -58.0 | -69.9 | 999.9 | 99.9 | 99.9 | 99.9 | 323.4 | 323.4 | 0.3 | 52.5 | 4.0 | 32 |
| 40.5 | 100.0 | 11192.9 | 225.0 | -68.3 | -79.9 | 999.9 | 99.9 | 99.9 | 99.9 | 323.4 | 323.4 | 0.3 | 52.5 | 4.0 | 32 |
| 42.6 | 105.0 | 11936.3 | 200.0 | -77.3 | -89.9 | 999.9 | 99.9 | 99.9 | 99.9 | 323.4 | 323.4 | 0.3 | 52.5 | 4.0 | 32 |
| 45.0 | 110.3 | 12784.7 | 175.0 | -86.4 | -99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 323.4 | 323.4 | 0.3 | 52.5 | 4.0 | 32 |
| 48.5 | 116.0 | 13759.1 | 150.0 | -95.4 | -109.9 | 999.9 | 99.9 | 99.9 | 99.9 | 323.4 | 323.4 | 0.3 | 52.5 | 4.0 | 32 |
| 54.0 | 122.7 | 14908.8 | 125.0 | -104.8 | -119.9 | 999.9 | 99.9 | 99.9 | 99.9 | 323.4 | 323.4 | 0.3 | 52.5 | 4.0 | 32 |
| 59.4 | 130.0 | 16296.6 | 100.0 | -114.8 | -129.9 | 999.9 | 99.9 | 99.9 | 99.9 | 323.4 | 323.4 | 0.3 | 52.5 | 4.0 | 32 |
| 66.0 | 138.7 | 18059.8 | 75.0 | -124.8 | -139.9 | 999.9 | 99.9 | 99.9 | 99.9 | 323.4 | 323.4 | 0.3 | 52.5 | 4.0 | 32 |
| 74.7 | 148.7 | 20556.9 | 50.0 | -134.8 | -149.9 | 999.9 | 99.9 | 99.9 | 99.9 | 323.4 | 323.4 | 0.3 | 52.5 | 4.0 | 32 |
| 88.0 | 159.5 | 24919.7 | 25.0 | -144.8 | -159.9 | 999.9 | 99.9 | 99.9 | 99.9 | 323.4 | 323.4 | 0.3 | 52.5 | 4.0 | 32 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 ** BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 *** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
 **** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

STATION NO. 3
DURANT, OKLAHOMA

24 APRIL 1982
1401 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POI I DG K | E POT I DG K | MX RTO CM/NG | RH PCT | RANGE NM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 7.3 | 211.0 | 994.8 | 11.1 | 9.5 | 200.2 | 1.3 | 0.4 | 1.2 | 284.7 | 303.9 | 7.5 | 90.0 | 0.0 | 0 |
| 99.9 | 99.9 | 1000.0 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 0.8 | 9.1 | 378.2 | 975.0 | 9.1 | 6.6 | 211.5 | 4.4 | 2.3 | 3.7 | 284.3 | 300.5 | 6.3 | 84.3 | 0.2 | 41 |
| 1.6 | 11.5 | 593.5 | 950.0 | 7.8 | 5.9 | 217.6 | 12.6 | 7.7 | 10.0 | 285.1 | 301.1 | 6.1 | 87.5 | 0.5 | 39 |
| 2.5 | 13.8 | 813.1 | 925.0 | 6.1 | 5.3 | 207.6 | 10.2 | 4.7 | 9.0 | 285.6 | 301.3 | 6.0 | 94.4 | 1.3 | 37 |
| 3.4 | 15.2 | 1037.4 | 900.0 | 5.0 | 3.3 | 175.2 | 8.5 | -6.7 | 8.4 | 286.5 | 300.7 | 5.4 | 89.3 | 1.7 | 32 |
| 4.3 | 18.7 | 1267.8 | 875.0 | 4.9 | 0.1 | 144.6 | 8.6 | -5.0 | 7.0 | 288.9 | 300.7 | 4.4 | 71.2 | 2.0 | 21 |
| 5.1 | 21.1 | 1504.3 | 850.0 | 4.5 | -0.3 | 159.3 | 8.0 | -2.8 | 7.5 | 290.9 | 302.8 | 4.4 | 71.2 | 2.3 | 11 |
| 5.9 | 23.6 | 1748.5 | 825.0 | 6.2 | 4.7 | 193.5 | 7.8 | 1.8 | 7.4 | 295.2 | 312.7 | 6.5 | 90.2 | 2.6 | 10 |
| 6.8 | 26.1 | 2000.9 | 800.0 | 5.3 | 2.9 | 194.0 | 7.0 | 1.7 | 6.8 | 296.8 | 313.0 | 5.9 | 84.4 | 3.0 | 11 |
| 7.9 | 28.7 | 2260.4 | 775.0 | 4.6 | 1.4 | 196.3 | 5.1 | 1.4 | 4.9 | 298.7 | 313.9 | 5.5 | 79.9 | 3.4 | 11 |
| 8.8 | 31.2 | 2527.6 | 750.0 | 3.6 | 0.6 | 232.1 | 7.0 | 5.5 | 4.3 | 300.4 | 315.0 | 5.3 | 81.0 | 3.7 | 13 |
| 9.9 | 33.8 | 2801.9 | 725.0 | 1.0 | -0.4 | 245.7 | 9.8 | 9.0 | 4.0 | 300.6 | 315.0 | 5.1 | 90.2 | 4.0 | 19 |
| 11.1 | 35.4 | 3083.9 | 700.0 | -0.2 | -2.6 | 248.7 | 12.1 | 11.3 | 4.4 | 302.3 | 315.1 | 4.5 | 83.6 | 4.6 | 26 |
| 12.2 | 38.1 | 3374.5 | 675.0 | -2.1 | -3.6 | 241.9 | 13.9 | 12.3 | 6.6 | 303.3 | 315.8 | 4.3 | 89.2 | 5.3 | 32 |
| 13.4 | 41.8 | 3675.9 | 650.0 | -3.8 | -5.7 | 237.0 | 14.0 | 12.2 | 7.9 | 304.6 | 317.2 | 3.9 | 87.1 | 6.2 | 37 |
| 14.7 | 44.5 | 3983.2 | 625.0 | -5.3 | -6.8 | 228.4 | 14.0 | 10.4 | 9.3 | 306.4 | 317.2 | 3.7 | 89.0 | 7.3 | 39 |
| 16.0 | 47.4 | 4303.0 | 600.0 | -7.3 | -8.4 | 217.8 | 13.2 | 8.1 | 10.4 | 307.7 | 317.8 | 3.4 | 91.8 | 8.4 | 40 |
| 17.4 | 50.2 | 4633.8 | 575.0 | -9.2 | -10.6 | 214.0 | 12.5 | 7.0 | 10.4 | 309.2 | 318.1 | 3.0 | 90.1 | 9.4 | 39 |
| 18.8 | 53.1 | 4977.0 | 550.0 | -10.8 | -12.6 | 218.1 | 12.3 | 8.2 | 10.5 | 311.3 | 319.3 | 2.6 | 86.4 | 10.5 | 39 |
| 20.2 | 56.2 | 5333.3 | 525.0 | -13.6 | -15.6 | 222.1 | 9.9 | 9.9 | 99.9 | 313.2 | 318.8 | 2.2 | 84.3 | 11.6 | 39 |
| 21.4 | 59.3 | 5702.8 | 500.0 | -16.3 | -18.4 | 228.9 | 99.9 | 99.9 | 99.9 | 314.3 | 318.8 | 1.8 | 83.3 | 11.6 | 39 |
| 22.4 | 62.4 | 6087.1 | 475.0 | -19.2 | -21.7 | 235.9 | 99.9 | 99.9 | 99.9 | 315.2 | 320.2 | 1.2 | 82.2 | 11.6 | 39 |
| 23.7 | 65.5 | 6487.8 | 450.0 | -21.5 | -23.7 | 242.9 | 99.9 | 99.9 | 99.9 | 316.2 | 320.2 | 1.0 | 82.2 | 11.6 | 39 |
| 25.0 | 68.9 | 6906.8 | 425.0 | -24.6 | -27.2 | 249.9 | 99.9 | 99.9 | 99.9 | 317.5 | 320.2 | 0.7 | 80.4 | 11.6 | 39 |
| 26.5 | 72.3 | 7345.4 | 400.0 | -27.9 | -31.6 | 256.9 | 99.9 | 99.9 | 99.9 | 318.8 | 321.1 | 0.5 | 78.6 | 11.6 | 39 |
| 28.1 | 75.7 | 7805.9 | 375.0 | -31.2 | -35.4 | 263.9 | 99.9 | 99.9 | 99.9 | 320.3 | 322.0 | 0.4 | 76.1 | 11.6 | 39 |
| 29.6 | 79.3 | 8291.4 | 350.0 | -34.8 | -39.3 | 269.9 | 99.9 | 99.9 | 99.9 | 321.9 | 323.1 | 0.4 | 74.8 | 11.6 | 39 |
| 31.4 | 83.1 | 8803.6 | 325.0 | -39.7 | -43.7 | 276.9 | 99.9 | 99.9 | 99.9 | 322.4 | 323.1 | 0.4 | 73.6 | 11.6 | 39 |
| 33.3 | 87.2 | 9345.1 | 300.0 | -44.7 | -49.9 | 283.9 | 99.9 | 99.9 | 99.9 | 323.3 | 323.3 | 0.4 | 72.4 | 11.6 | 39 |
| 35.2 | 91.2 | 9921.4 | 275.0 | -49.7 | -55.8 | 290.9 | 99.9 | 99.9 | 99.9 | 324.3 | 323.3 | 0.4 | 71.2 | 11.6 | 39 |
| 37.3 | 95.7 | 10536.9 | 250.0 | -55.8 | -61.1 | 297.9 | 99.9 | 99.9 | 99.9 | 325.3 | 323.3 | 0.4 | 70.0 | 11.6 | 39 |
| 39.5 | 100.2 | 11204.4 | 225.0 | -61.1 | -66.6 | 304.9 | 99.9 | 99.9 | 99.9 | 326.3 | 323.3 | 0.4 | 68.8 | 11.6 | 39 |
| 42.1 | 105.2 | 11953.7 | 200.0 | -66.6 | -71.1 | 311.9 | 99.9 | 99.9 | 99.9 | 327.3 | 323.3 | 0.4 | 67.6 | 11.6 | 39 |
| 45.2 | 110.6 | 12799.2 | 175.0 | -71.1 | -76.6 | 318.9 | 99.9 | 99.9 | 99.9 | 328.3 | 323.3 | 0.4 | 66.4 | 11.6 | 39 |
| 48.0 | 116.2 | 13778.6 | 150.0 | -76.6 | -81.1 | 325.9 | 99.9 | 99.9 | 99.9 | 329.3 | 323.3 | 0.4 | 65.2 | 11.6 | 39 |
| 51.7 | 122.7 | 14931.3 | 125.0 | -81.1 | -86.6 | 332.9 | 99.9 | 99.9 | 99.9 | 330.3 | 323.3 | 0.4 | 64.0 | 11.6 | 39 |
| 56.1 | 130.3 | 16327.4 | 100.0 | -86.6 | -91.1 | 339.9 | 99.9 | 99.9 | 99.9 | 331.3 | 323.3 | 0.4 | 62.8 | 11.6 | 39 |
| 61.9 | 139.0 | 18108.0 | 75.0 | -91.1 | -96.6 | 346.9 | 99.9 | 99.9 | 99.9 | 332.3 | 323.3 | 0.4 | 61.6 | 11.6 | 39 |
| 69.3 | 148.5 | 20614.1 | 50.0 | -96.6 | -101.1 | 353.9 | 99.9 | 99.9 | 99.9 | 333.3 | 323.3 | 0.4 | 60.4 | 11.6 | 39 |
| 81.4 | 159.0 | 24994.8 | 25.0 | -101.1 | -106.6 | 360.9 | 99.9 | 99.9 | 99.9 | 334.3 | 323.3 | 0.4 | 59.2 | 11.6 | 39 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG.
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE 13
OF POOR QUALITY

ORIGINAL PART B
OF POOR QUALITY

STATION NO. 3
DURANT, OKLAHOMA
24 APRIL 1982
1700 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 7.4 | 211.0 | 995.2 | 13.5 | 9.4 | 155.0 | 3.6 | -1.5 | 3.3 | 287.1 | 306.3 | 7.5 | 76.0 | 0.0 | 0 |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 167.9 | 99.9 | 99.9 | 99.9 | 287.1 | 306.3 | 99.9 | 99.9 | 99.9 | 999 |
| 0.7 | 9.2 | 384.2 | 975.0 | 11.0 | 7.9 | 167.9 | 6.4 | -1.4 | 6.2 | 286.2 | 304.1 | 6.9 | 81.9 | 0.3 | 0 |
| 1.5 | 11.5 | 599.1 | 950.0 | 8.2 | 6.4 | 173.8 | 9.7 | -0.2 | 9.7 | 285.5 | 302.3 | 6.4 | 88.4 | 0.7 | 1 |
| 2.4 | 13.9 | 819.1 | 925.0 | 5.9 | 5.4 | 173.8 | 12.6 | -0.7 | 12.5 | 286.4 | 302.3 | 5.3 | 90.0 | 1.3 | 0 |
| 3.2 | 16.3 | 1044.2 | 900.0 | 5.9 | 3.1 | 173.8 | 12.6 | -0.7 | 12.5 | 287.5 | 301.7 | 5.3 | 82.1 | 2.0 | 358 |
| 4.1 | 18.8 | 1274.5 | 875.0 | 4.1 | 2.6 | 177.0 | 12.5 | -0.6 | 12.5 | 288.1 | 302.1 | 5.3 | 89.6 | 2.7 | 357 |
| 5.0 | 21.2 | 1510.4 | 850.0 | 4.2 | 4.0 | 188.1 | 8.7 | 1.2 | 8.6 | 290.6 | 306.6 | 6.0 | 98.6 | 3.3 | 357 |
| 5.9 | 23.7 | 1754.3 | 825.0 | 5.4 | 5.1 | 205.0 | 7.5 | 3.2 | 8.8 | 294.3 | 312.4 | 6.7 | 98.0 | 3.6 | 360 |
| 6.8 | 26.2 | 2006.2 | 800.0 | 4.7 | 4.3 | 205.0 | 9.9 | 4.2 | 9.0 | 296.1 | 313.9 | 6.6 | 97.9 | 4.1 | 5 |
| 7.6 | 28.8 | 2265.3 | 775.0 | 4.0 | 2.9 | 215.5 | 9.5 | 5.5 | 7.7 | 299.4 | 314.9 | 6.1 | 92.3 | 4.5 | 5 |
| 8.5 | 31.3 | 2531.7 | 750.0 | 2.8 | 0.2 | 230.4 | 8.9 | 6.9 | 5.7 | 300.8 | 316.8 | 5.2 | 84.5 | 5.0 | 9 |
| 9.5 | 34.0 | 2805.7 | 725.0 | 1.2 | 0.4 | 235.0 | 8.9 | 7.3 | 5.1 | 302.0 | 318.1 | 5.0 | 84.5 | 5.4 | 13 |
| 10.6 | 36.6 | 3088.0 | 700.0 | -0.5 | -1.2 | 245.9 | 8.1 | 7.4 | 3.3 | 303.6 | 318.5 | 3.4 | 69.3 | 5.7 | 17 |
| 11.7 | 39.1 | 3378.1 | 675.0 | -1.9 | -8.7 | 251.6 | 8.2 | 7.8 | 2.6 | 304.9 | 319.0 | 2.9 | 63.9 | 6.1 | 21 |
| 12.8 | 41.8 | 3677.7 | 650.0 | -3.6 | -9.4 | 262.8 | 7.9 | 8.8 | 1.0 | 305.7 | 319.4 | 0.7 | 57.7 | 6.6 | 25 |
| 13.9 | 44.4 | 3986.8 | 625.0 | -5.1 | -25.9 | 265.9 | 8.8 | 9.5 | 0.6 | 309.0 | 311.9 | 0.9 | 52.3 | 7.1 | 33 |
| 15.0 | 47.3 | 4307.0 | 600.0 | -6.2 | -24.2 | 257.6 | 9.7 | 9.3 | 2.1 | 309.5 | 313.4 | 1.2 | 47.7 | 7.6 | 37 |
| 16.3 | 50.1 | 4638.3 | 575.0 | -8.0 | -21.2 | 255.9 | 11.4 | 10.8 | 2.3 | 309.7 | 314.2 | 1.5 | 42.3 | 8.2 | 40 |
| 17.5 | 53.0 | 4980.4 | 550.0 | -12.2 | -19.7 | 251.6 | 15.9 | 13.9 | 3.6 | 310.6 | 315.7 | 1.6 | 37.0 | 9.1 | 43 |
| 18.8 | 56.0 | 5334.5 | 525.0 | -14.8 | -19.0 | 241.1 | 15.9 | 13.9 | 7.7 | 312.6 | 317.8 | 1.6 | 32.1 | 10.5 | 45 |
| 20.1 | 59.0 | 5702.5 | 500.0 | -16.7 | -19.5 | 232.7 | 22.9 | 18.2 | 13.8 | 314.6 | 319.4 | 1.4 | 27.3 | 12.8 | 45 |
| 21.4 | 62.1 | 6086.4 | 475.0 | -18.7 | -21.7 | 227.4 | 31.2 | 24.3 | 21.1 | 316.7 | 320.4 | 1.1 | 22.4 | 15.9 | 45 |
| 23.0 | 65.3 | 6488.4 | 450.0 | -21.1 | -25.0 | 225.2 | 33.8 | 21.0 | 23.4 | 317.5 | 318.3 | 0.2 | 17.5 | 18.9 | 45 |
| 24.4 | 68.5 | 6907.5 | 425.0 | -24.8 | -42.4 | 216.4 | 29.0 | 17.2 | 23.4 | 320.1 | 320.5 | 0.1 | 12.7 | 21.6 | 44 |
| 25.9 | 71.9 | 7345.8 | 400.0 | -27.8 | -48.5 | 214.9 | 28.1 | 15.5 | 22.2 | 321.6 | 321.8 | 0.1 | 12.7 | 24.4 | 42 |
| 27.7 | 75.4 | 7806.4 | 375.0 | -31.3 | -50.7 | 210.4 | 31.7 | 14.3 | 24.5 | 322.3 | 322.3 | 0.1 | 12.8 | 27.2 | 42 |
| 29.4 | 79.0 | 8291.2 | 350.0 | -35.0 | -53.6 | 208.9 | 31.0 | 15.3 | 27.7 | 323.1 | 323.1 | 0.1 | 12.8 | 30.3 | 41 |
| 31.2 | 82.8 | 8803.4 | 325.0 | -39.4 | -59.9 | 210.1 | 31.0 | 15.5 | 27.7 | 323.1 | 323.1 | 0.1 | 12.8 | 33.7 | 40 |
| 32.9 | 86.7 | 9345.7 | 300.0 | -43.2 | -66.6 | 213.9 | 29.9 | 16.7 | 24.8 | 325.5 | 325.5 | 0.1 | 12.8 | 37.2 | 39 |
| 34.9 | 90.7 | 9924.2 | 275.0 | -47.1 | -73.9 | 217.5 | 28.6 | 17.4 | 22.7 | 328.1 | 328.1 | 0.1 | 12.8 | 40.7 | 39 |
| 36.9 | 95.0 | 10545.7 | 250.0 | -52.5 | -81.2 | 219.3 | 27.2 | 18.5 | 22.6 | 332.5 | 332.5 | 0.1 | 12.8 | 44.3 | 39 |
| 39.1 | 99.6 | 11220.1 | 225.0 | -56.2 | -88.9 | 228.8 | 26.7 | 19.3 | 18.9 | 343.0 | 343.0 | 0.1 | 12.8 | 48.7 | 39 |
| 41.6 | 104.6 | 11968.6 | 200.0 | -58.7 | -96.6 | 237.8 | 25.8 | 20.5 | 17.9 | 355.9 | 355.9 | 0.1 | 12.8 | 53.9 | 40 |
| 44.4 | 110.0 | 12814.5 | 175.0 | -58.9 | -104.3 | 248.9 | 25.8 | 21.7 | 10.8 | 377.2 | 377.2 | 0.1 | 12.8 | 59.6 | 43 |
| 47.7 | 115.7 | 13801.2 | 150.0 | -58.9 | -112.0 | 261.2 | 25.8 | 22.7 | 10.8 | 392.4 | 392.4 | 0.1 | 12.8 | 65.2 | 45 |
| 51.8 | 122.2 | 14967.0 | 125.0 | -58.0 | -120.0 | 261.2 | 25.8 | 22.7 | 10.8 | 413.9 | 413.9 | 0.1 | 12.8 | 71.9 | 47 |
| 56.6 | 129.7 | 16369.7 | 100.0 | -58.3 | -128.3 | 261.2 | 25.8 | 22.7 | 10.8 | 440.3 | 440.3 | 0.1 | 12.8 | 76.6 | 48 |
| 63.1 | 138.3 | 18154.5 | 75.0 | -60.3 | -138.3 | 261.2 | 25.8 | 22.7 | 10.8 | 500.7 | 500.7 | 0.1 | 12.8 | 84.3 | 49 |
| 71.2 | 148.3 | 20664.0 | 50.0 | -60.6 | -148.3 | 261.2 | 25.8 | 22.7 | 10.8 | 500.7 | 500.7 | 0.1 | 12.8 | 84.3 | 49 |
| 84.3 | 159.0 | 25074.8 | 25.0 | -51.4 | -159.0 | 126.0 | 6.1 | -4.9 | 3.6 | 637.0 | 637.0 | 0.1 | 12.8 | 84.3 | 49 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
 ** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

STATION NO. 3
DURANT, OKLAHOMA

24 APRIL 1982
2008 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT I DG K | E POT I DG K | MX RIO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 7.5 | 211.0 | 992.2 | 15.1 | 9.9 | 115.0 | 6.0 | -5.4 | 2.5 | 288.9 | 309.1 | 7.7 | 71.0 | 0.0 | 0.0 |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 0.6 | 9.1 | 357.8 | 975.0 | 11.8* | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 287.1 | 309.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 1.4 | 11.4 | 573.8 | 950.0 | 9.1 | 6.2 | 99.9 | 99.9 | 99.9 | 99.9 | 286.4 | 302.8 | 6.3 | 81.8 | 999.9 | 999.9 |
| 2.4 | 13.7 | 794.4 | 925.0 | 7.5 | 5.4 | 99.9 | 99.9 | 99.9 | 99.9 | 287.0 | 303.9 | 6.1 | 86.5 | 999.9 | 999.9 |
| 3.3 | 16.1 | 1019.8 | 900.0 | 6.2 | 5.5 | 99.9 | 99.9 | 99.9 | 99.9 | 287.9 | 304.4 | 6.3 | 94.7 | 999.9 | 999.9 |
| 4.5 | 18.5 | 1251.9 | 875.0 | 7.6 | 6.7 | 99.9 | 99.9 | 99.9 | 99.9 | 291.6 | 305.5 | 7.1 | 95.0 | 999.9 | 999.9 |
| 5.5 | 20.9 | 1491.4 | 850.0 | 7.4 | 6.8 | 99.9 | 99.9 | 99.9 | 99.9 | 294.0 | 313.4 | 7.3 | 95.0 | 999.9 | 999.9 |
| 6.6 | 23.4 | 1737.7 | 825.0 | 6.9 | 6.1 | 99.9 | 99.9 | 99.9 | 99.9 | 295.9 | 315.2 | 7.2 | 94.5 | 999.9 | 999.9 |
| 7.9 | 25.8 | 1990.6 | 800.0 | 5.7 | 6.3 | 99.9 | 99.9 | 99.9 | 99.9 | 297.3 | 314.6 | 6.4 | 88.0 | 999.9 | 999.9 |
| 9.4 | 28.3 | 2250.9 | 775.0 | 5.1 | 4.0 | 99.9 | 99.9 | 99.9 | 99.9 | 300.4 | 317.4 | 6.6 | 92.1 | 999.9 | 999.9 |
| 11.0 | 30.9 | 2518.3 | 750.0 | 3.5 | 2.0 | 99.9 | 99.9 | 99.9 | 99.9 | 301.9 | 315.0 | 5.9 | 90.1 | 999.9 | 999.9 |
| 12.6 | 33.4 | 2793.2 | 725.0 | 2.2 | -1.8 | 99.9 | 99.9 | 99.9 | 99.9 | 303.4 | 314.3 | 4.6 | 74.7 | 999.9 | 999.9 |
| 14.2 | 36.0 | 3076.3 | 700.0 | 0.8 | -5.0 | 99.9 | 99.9 | 99.9 | 99.9 | 304.8 | 314.3 | 3.8 | 65.0 | 999.9 | 999.9 |
| 15.6 | 38.7 | 3367.7 | 675.0 | -0.7* | -9.9 | 99.9 | 99.9 | 99.9 | 99.9 | 307.3 | 308.7 | 0.8 | 99.9 | 999.9 | 999.9 |
| 16.9 | 41.3 | 3658.4 | 650.0 | -2.4 | -25.2 | 99.9 | 99.9 | 99.9 | 99.9 | 307.3 | 309.5 | 0.7 | 15.4 | 999.9 | 999.9 |
| 18.5 | 44.0 | 3978.3 | 625.0 | -4.5 | -27.0 | 99.9 | 99.9 | 99.9 | 99.9 | 307.3 | 309.5 | 0.7 | 15.4 | 999.9 | 999.9 |
| 19.9 | 46.9 | 4298.3 | 600.0 | -7.3 | -18.5 | 99.9 | 99.9 | 99.9 | 99.9 | 307.3 | 312.3 | 1.5 | 40.5 | 999.9 | 999.9 |
| 21.2 | 49.7 | 4628.5 | 575.0 | -10.2 | -16.0 | 99.9 | 99.9 | 99.9 | 99.9 | 308.1 | 313.9 | 1.9 | 82.2 | 999.9 | 999.9 |
| 22.9 | 52.5 | 4969.1 | 550.0 | -13.3 | -17.7 | 99.9 | 99.9 | 99.9 | 99.9 | 309.8 | 313.4 | 1.7 | 70.1 | 999.9 | 999.9 |
| 24.9 | 55.4 | 5321.4 | 525.0 | -15.5 | -30.7 | 99.9 | 99.9 | 99.9 | 99.9 | 309.8 | 312.0 | 0.7 | 32.1 | 999.9 | 999.9 |
| 27.0 | 58.5 | 5624.5 | 500.0 | -17.6 | -39.6 | 99.9 | 99.9 | 99.9 | 99.9 | 311.6 | 312.5 | 0.3 | 14.1 | 999.9 | 999.9 |
| 29.4 | 61.5 | 6071.0 | 475.0 | -19.4 | -43.2 | 99.9 | 99.9 | 99.9 | 99.9 | 314.0 | 314.6 | 0.2 | 10.0 | 999.9 | 999.9 |
| 31.5 | 64.6 | 6471.7 | 450.0 | -21.6 | -47.6 | 99.9 | 99.9 | 99.9 | 99.9 | 316.1 | 314.6 | 0.1 | 7.4 | 999.9 | 999.9 |
| 33.7 | 67.9 | 6890.0 | 425.0 | -24.9 | -50.1 | 99.9 | 99.9 | 99.9 | 99.9 | 317.1 | 317.4 | 0.1 | 7.4 | 999.9 | 999.9 |
| 36.1 | 71.3 | 7328.4 | 400.0 | -27.6 | -52.0 | 99.9 | 99.9 | 99.9 | 99.9 | 319.1 | 319.4 | 0.1 | 7.6 | 999.9 | 999.9 |
| 38.5 | 74.7 | 7788.9 | 375.0 | -31.4 | -54.2 | 99.9 | 99.9 | 99.9 | 99.9 | 320.0 | 320.2 | 0.1 | 8.4 | 999.9 | 999.9 |
| 41.1 | 78.3 | 8274.2 | 350.0 | -34.5 | -56.2 | 99.9 | 99.9 | 99.9 | 99.9 | 322.3 | 322.5 | 0.1 | 8.8 | 999.9 | 999.9 |
| 43.9 | 82.0 | 8788.0 | 325.0 | -38.3 | -59.0 | 99.9 | 99.9 | 99.9 | 99.9 | 323.9 | 324.1 | 0.0 | 9.1 | 999.9 | 999.9 |
| 46.9 | 86.0 | 9333.2 | 300.0 | -42.9 | -99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 325.0 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 49.6 | 90.0 | 9915.4 | 275.0 | -46.5 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 327.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 52.5 | 94.3 | 10542.1 | 250.0 | -51.3 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 329.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 55.3 | 98.8 | 11219.8 | 225.0 | -54.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 334.8 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 58.8 | 103.8 | 11975.2 | 200.0 | -54.2 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 346.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 62.7 | 109.0 | 12830.7 | 175.0 | -54.3 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 360.2 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 67.3 | 114.8 | 13824.0 | 150.0 | -53.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 378.8 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 72.9 | 121.3 | 14995.8 | 125.0 | -55.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 393.8 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 79.0 | 128.7 | 16402.3 | 100.0 | -58.6 | 99.9 | 246.1 | 22.6* | 26.6 | 9.3 | 414.5 | 999.9 | 99.9 | 999.9 | 107.1 | 52.0 |
| 86.7 | 137.3 | 18191.5 | 75.0 | -61.4 | 99.9 | 278.5 | 11.1* | 11.0 | -2.1 | 502.5 | 999.9 | 99.9 | 999.9 | 113.9 | 53.0 |
| 97.1 | 147.0 | 20708.1 | 50.0 | -59.8 | 99.9 | 302.1 | 4.0* | 3.4 | -2.1 | 502.5 | 999.9 | 99.9 | 999.9 | 115.3 | 53.0 |
| 99.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 30 DEG
 ** BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 *** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
 *** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 3
DURANT, OKLAHOMA
24 APRIL 1982
2315 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO CM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0 0 | 7.7 | 211.0 | 989.2 | 14.5 | 9.5 | 135.0 | 5.0 | -3.5 | 3.5 | 288.6 | 308.3 | 7.6 | 72.0 | 0.0 | 0. |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.4 | 9.0 | 332.7 | 975.0 | 13.6* | 9.4 | 144.6 | 9.4 | -5.5 | 7.7 | 288.9 | 99.9 | 99.9 | 99.9 | 0.2 | 344. |
| 1.0 | 11.3 | 550.7 | 950.0 | 11.8 | 9.5 | 147.3 | 9.1 | -4.9 | 7.6 | 289.1 | 99.9 | 99.9 | 99.9 | 0.4 | 332. |
| 1.8 | 13.6 | 773.5 | 925.0 | 9.6 | 9.2 | 153.1 | 9.0 | -4.1 | 8.0 | 289.2 | 309.7 | 8.0 | 86.2 | 0.9 | 331. |
| 2.8 | 15.9 | 1000.7 | 900.0 | 8.1 | 8.0 | 175.0 | 10.6 | -0.9 | 10.6 | 289.9 | 309.5 | 7.5 | 97.5 | 0.9 | 334. |
| 3.4 | 18.3 | 1234.4 | 875.0 | 9.5 | 9.2 | 202.4 | 11.6 | -0.9 | 10.7 | 292.6 | 309.5 | 8.4 | 98.8 | 1.4 | 334. |
| 4.4 | 20.6 | 1475.4 | 850.0 | 8.8 | 8.6 | 204.6 | 12.8 | 5.3 | 11.6 | 293.4 | 315.8 | 8.3 | 98.2 | 1.8 | 343. |
| 5.4 | 23.1 | 1722.7 | 825.0 | 7.9 | 7.5 | 999.9 | 99.9 | 99.9 | 99.9 | 296.9 | 318.3 | 9.9 | 98.2 | 2.3 | 355. |
| 6.5 | 25.5 | 1976.3 | 800.0 | 6.8* | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 298.4 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 7.6 | 28.0 | 2235.9 | 775.0 | 5.4* | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 299.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 8.8 | 30.5 | 2503.8 | 750.0 | 4.2 | 3.9 | 999.9 | 99.9 | 99.9 | 99.9 | 301.1 | 319.9 | 6.8 | 98.4 | 5.8 | 16. |
| 9.7 | 33.0 | 2779.4 | 725.0 | 2.5 | 2.5 | 217.9 | 13.2 | 8.1 | 10.4 | 302.2 | 320.0 | 6.4 | 100.0 | 6.7 | 18. |
| 11.3 | 35.6 | 3082.4 | 700.0 | 0.1 | -7.1 | 228.7 | 13.4 | 10.1 | 8.9 | 302.6 | 320.0 | 3.2 | 100.0 | 7.6 | 22. |
| 12.7 | 38.2 | 3354.6 | 675.0 | 0.4 | -8.0 | 232.7 | 13.8 | 11.0 | 8.4 | 306.1 | 315.2 | 3.1 | 58.5 | 8.8 | 28. |
| 14.3 | 40.9 | 3656.0 | 650.0 | -2.3 | -11.8 | 237.2 | 15.2 | 12.8 | 8.2 | 306.4 | 313.5 | 2.4 | 53.0 | 10.0 | 30. |
| 15.8 | 43.7 | 3966.4 | 625.0 | -4.6 | -14.7 | 237.9 | 17.9 | 15.2 | 9.5 | 307.2 | 313.1 | 1.9 | 47.8 | 11.3 | 33. |
| 17.4 | 46.3 | 4286.4 | 600.0 | -7.1 | -17.3 | 239.7 | 19.7 | 17.0 | 9.9 | 307.9 | 310.1 | 0.7 | 44.9 | 13.0 | 36. |
| 19.0 | 49.2 | 4616.3 | 575.0 | -9.8 | -20.0 | 241.0 | 19.3 | 16.9 | 9.4 | 308.5 | 308.8 | 0.1 | 18.1 | 14.8 | 40. |
| 20.9 | 52.1 | 4957.6 | 550.0 | -12.4 | -22.4 | 245.3 | 18.5 | 16.8 | 7.7 | 309.3 | 309.5 | 0.1 | 1.9 | 16.8 | 42. |
| 22.3 | 54.9 | 5311.5 | 525.0 | -14.4 | -24.7 | 247.9 | 22.4 | 20.7 | 8.4 | 311.1 | 311.3 | 0.1 | 2.3 | 18.3 | 45. |
| 24.2 | 57.9 | 5679.1 | 500.0 | -17.3 | -27.9 | 249.1 | 22.9 | 21.0 | 9.3 | 311.6 | 311.7 | 0.6 | 2.4 | 20.7 | 46. |
| 26.1 | 61.0 | 6060.4 | 475.0 | -21.0 | -31.4 | 243.6 | 22.7 | 20.3 | 10.1 | 312.9 | 312.1 | 0.0 | 2.8 | 23.2 | 49. |
| 28.1 | 64.1 | 6457.1 | 450.0 | -24.2 | -34.6 | 239.6 | 23.8 | 20.8 | 10.1 | 312.9 | 312.1 | 0.0 | 2.8 | 25.8 | 51. |
| 30.0 | 67.4 | 6871.5 | 425.0 | -26.5 | -37.9 | 234.4 | 26.5 | 21.5 | 12.1 | 315.1 | 315.2 | 0.0 | 2.6 | 28.7 | 52. |
| 32.1 | 70.7 | 7307.5 | 400.0 | -28.9 | -41.7 | 235.8 | 29.8 | 24.7 | 15.4 | 317.4 | 317.5 | 0.0 | 2.6 | 32.2 | 52. |
| 34.3 | 74.1 | 7788.3 | 375.0 | -31.9 | -45.2 | 238.2 | 30.2 | 25.1 | 16.8 | 319.4 | 319.5 | 0.0 | 2.7 | 36.1 | 52. |
| 36.8 | 77.7 | 8250.6 | 350.0 | -35.2 | -48.8 | 235.6 | 33.0 | 27.2 | 18.7 | 321.3 | 321.4 | 0.0 | 3.1 | 40.5 | 53. |
| 38.8 | 81.3 | 8762.9 | 325.0 | -38.6 | -51.9 | 236.5 | 35.2 | 29.3 | 19.4 | 323.5 | 323.5 | 99.9 | 99.9 | 45.0 | 53. |
| 41.1 | 85.3 | 9308.4 | 300.0 | -42.8 | -55.9 | 236.6 | 33.1* | 27.7 | 18.2 | 325.1 | 325.1 | 99.9 | 99.9 | 49.6 | 53. |
| 43.7 | 89.3 | 9890.8 | 275.0 | -46.5 | -59.9 | 239.0 | 32.2* | 27.6 | 18.6 | 327.9 | 327.9 | 99.9 | 99.9 | 54.7 | 54. |
| 46.3 | 93.5 | 10517.8 | 250.0 | -50.4 | -63.9 | 242.2 | 31.8* | 28.1 | 18.3 | 331.2 | 331.2 | 99.9 | 99.9 | 59.5 | 54. |
| 49.0 | 98.0 | 11201.3 | 225.0 | -52.9 | -67.9 | 242.6 | 35.9* | 30.9 | 17.0 | 337.5 | 337.5 | 99.9 | 99.9 | 65.2 | 55. |
| 52.3 | 103.0 | 11957.2 | 200.0 | -53.5 | -71.9 | 244.3 | 36.8* | 32.7 | 17.0 | 348.0 | 348.0 | 99.9 | 99.9 | 72.3 | 55. |
| 55.7 | 108.4 | 12817.7 | 175.0 | -52.9 | -75.9 | 244.3 | 30.0* | 27.1 | 13.0 | 362.7 | 362.7 | 99.9 | 99.9 | 79.0 | 56. |
| 59.4 | 114.2 | 13810.9 | 150.0 | -53.6 | -79.9 | 242.2 | 28.9* | 25.6 | 13.5 | 377.7 | 377.7 | 99.9 | 99.9 | 85.5 | 57. |
| 64.1 | 120.7 | 14975.7 | 125.0 | -58.4 | -83.9 | 252.1 | 25.5* | 24.3 | 7.8 | 392.9 | 392.9 | 99.9 | 99.9 | 92.9 | 58. |
| 69.8 | 128.2 | 16380.4 | 100.0 | -58.0 | -87.9 | 267.8 | 20.9* | 20.9 | 0.8 | 413.8 | 413.8 | 99.9 | 99.9 | 101.3 | 59. |
| 75.8 | 136.7 | 18167.3 | 75.0 | -60.9 | -91.9 | 293.5 | 15.4* | 12.3 | -5.3 | 507.2 | 507.2 | 99.9 | 99.9 | 105.2 | 60. |
| 86.7 | 146.7 | 20688.7 | 50.0 | -57.7 | -95.9 | 159.7 | 10.3* | -3.6 | -9.7 | 99.9 | 99.9 | 99.9 | 99.9 | 107.9 | 60. |
| 99.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE
OF POOR QUALITY

STATION NO. 3
DURANT, OKLAHOMA
25 APRIL 1982
537 GMT

141 52.0

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 7.9 | 211.0 | 987.1 | 12.5 | 10.6 | 130.0 | 9.0 | -6.9 | 5.8 | 285.7 | 307.7 | 8.2 | 88.0 | 0.0 | 0.0 |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.3 | 9.0 | 314.1 | 975.0 | 11.3* | 9.9 | 99.9 | 99.9 | 99.9 | 99.9 | 286.5 | 309.9 | 9.9 | 99.9 | 99.9 | 99.9 |
| 1.0 | 11.4 | 530.6 | 950.0 | 9.3 | 8.7 | 99.9 | 99.9 | 99.9 | 99.9 | 286.6 | 305.9 | 7.5 | 95.8 | 99.9 | 99.9 |
| 1.8 | 13.7 | 751.9 | 925.0 | 8.8 | 8.1 | 99.9 | 99.9 | 99.9 | 99.9 | 288.3 | 307.4 | 7.4 | 95.5 | 99.9 | 99.9 |
| 2.7 | 16.2 | 979.0 | 900.0 | 8.2 | 7.5 | 99.9 | 99.9 | 99.9 | 99.9 | 290.0 | 309.0 | 7.3 | 95.0 | 99.9 | 99.9 |
| 3.5 | 18.6 | 1212.6 | 875.0 | 8.9 | 8.2 | 99.9 | 99.9 | 99.9 | 99.9 | 293.0 | 313.7 | 7.8 | 95.3 | 99.9 | 99.9 |
| 4.2 | 21.0 | 1452.6 | 850.0 | 8.0 | 5.0 | 193.6 | 15.9 | 3.7 | 15.4 | 294.5 | 311.9 | 6.5 | 81.2 | 3.6 | 358.0 |
| 5.0 | 23.5 | 1699.0 | 825.0 | 6.8 | 4.9 | 203.3 | 13.5 | 3.7 | 12.4 | 295.7 | 313.6 | 6.6 | 88.0 | 4.3 | 0.0 |
| 5.8 | 26.0 | 1952.0 | 800.0 | 6.8 | 0.8 | 225.7 | 12.5 | 8.9 | 8.7 | 298.2 | 312.3 | 5.1 | 66.5 | 4.8 | 10.0 |
| 6.7 | 28.6 | 2212.3 | 775.0 | 5.3 | -5.6 | 233.6 | 13.2 | 10.7 | 7.8 | 298.5 | 312.3 | 5.1 | 45.3 | 5.2 | 10.0 |
| 7.6 | 31.1 | 2479.4 | 750.0 | 3.9 | -8.9 | 233.8 | 15.6 | 10.7 | 9.2 | 300.8 | 308.4 | 3.3 | 38.7 | 5.9 | 16.0 |
| 8.6 | 33.7 | 2753.6 | 725.0 | 1.7 | -29.3 | 235.7 | 15.4 | 12.7 | 8.7 | 301.3 | 302.9 | 0.5 | 8.1 | 6.6 | 20.0 |
| 9.5 | 36.2 | 3035.4 | 700.0 | 0.5 | -34.4 | 243.0 | 15.3 | 13.6 | 6.9 | 303.1 | 304.1 | 0.3 | 5.1 | 7.3 | 24.0 |
| 10.6 | 38.9 | 3326.1 | 675.0 | -1.2 | -36.5 | 249.0 | 14.9 | 13.9 | 5.3 | 304.4 | 305.2 | 0.2 | 4.7 | 8.0 | 29.0 |
| 11.5 | 41.6 | 3626.0 | 650.0 | -3.0 | -37.9 | 244.0 | 15.6 | 14.0 | 6.8 | 305.6 | 306.4 | 0.2 | 4.7 | 8.7 | 33.0 |
| 12.5 | 44.3 | 3935.3 | 625.0 | -5.2 | -40.8 | 237.7 | 16.1 | 13.5 | 8.6 | 306.5 | 307.1 | 0.2 | 4.1 | 9.5 | 35.0 |
| 13.5 | 47.0 | 4254.0 | 600.0 | -7.7 | -41.7 | 231.2 | 17.3 | 13.5 | 10.8 | 307.3 | 307.8 | 0.2 | 4.5 | 10.5 | 37.0 |
| 14.6 | 49.8 | 4583.7 | 575.0 | -9.8 | -43.4 | 230.3 | 16.6 | 12.8 | 10.6 | 308.6 | 309.1 | 0.1 | 4.4 | 11.5 | 38.0 |
| 15.5 | 52.8 | 4955.6 | 550.0 | -11.9 | -46.2 | 234.5 | 15.5 | 12.6 | 9.0 | 310.0 | 310.4 | 0.1 | 3.8 | 12.5 | 39.0 |
| 16.7 | 55.8 | 5279.6 | 525.0 | -14.9 | -48.0 | 235.2 | 16.3 | 13.3 | 9.3 | 310.5 | 310.8 | 0.1 | 4.0 | 13.5 | 41.0 |
| 17.7 | 58.9 | 5648.0 | 500.0 | -18.5 | -49.6 | 232.2 | 16.9 | 13.3 | 10.4 | 310.5 | 310.8 | 0.1 | 4.5 | 14.5 | 42.0 |
| 19.0 | 62.0 | 6026.2 | 475.0 | -21.7 | -51.6 | 236.6 | 16.1 | 13.4 | 8.9 | 311.1 | 311.3 | 0.1 | 4.7 | 15.7 | 42.0 |
| 20.2 | 65.1 | 6422.3 | 450.0 | -24.9 | -53.4 | 238.1 | 16.2 | 13.7 | 8.5 | 312.0 | 312.2 | 0.1 | 5.0 | 16.8 | 43.0 |
| 21.5 | 68.5 | 6834.2 | 425.0 | -29.2 | -54.5 | 236.6 | 16.7 | 13.9 | 9.2 | 311.6 | 311.8 | 0.1 | 6.5 | 18.1 | 44.0 |
| 22.8 | 71.9 | 7264.5 | 400.0 | -32.2 | -55.7 | 239.8 | 17.9 | 15.5 | 9.0 | 313.2 | 313.4 | 0.0 | 7.5 | 19.5 | 45.0 |
| 24.2 | 75.4 | 7716.9 | 375.0 | -35.1 | -57.0 | 251.3 | 19.5 | 18.4 | 6.3 | 315.2 | 315.3 | 0.0 | 8.6 | 20.9 | 47.0 |
| 25.6 | 78.0 | 8194.7 | 350.0 | -37.9 | -59.1 | 247.4 | 22.4 | 20.7 | 6.3 | 317.7 | 317.8 | 0.0 | 8.5 | 22.5 | 48.0 |
| 27.3 | 82.8 | 8703.0 | 325.0 | -41.6 | -59.9 | 243.6 | 28.5 | 25.5 | 12.6 | 319.3 | 319.9 | 99.9 | 99.9 | 24.9 | 50.0 |
| 29.0 | 86.7 | 9240.7 | 300.0 | -44.8 | -59.9 | 244.6 | 33.2 | 30.0 | 14.3 | 322.2 | 322.2 | 99.9 | 99.9 | 28.0 | 52.0 |
| 30.7 | 90.8 | 9818.6 | 275.0 | -47.8 | -59.9 | 243.3 | 32.6 | 29.1 | 14.3 | 326.0 | 326.0 | 99.9 | 99.9 | 31.5 | 53.0 |
| 32.7 | 95.2 | 10444.0 | 250.0 | -51.0 | -59.9 | 239.5 | 34.5 | 29.8 | 17.5 | 330.2 | 330.2 | 99.9 | 99.9 | 35.2 | 54.0 |
| 34.9 | 99.8 | 11125.6 | 225.0 | -52.3 | -59.9 | 240.3 | 35.4 | 30.8 | 17.5 | 334.4 | 334.4 | 99.9 | 99.9 | 40.1 | 55.0 |
| 37.2 | 104.0 | 11895.2 | 200.0 | -54.1 | -59.9 | 99.9 | 99.9 | 99.9 | 99.9 | 337.2 | 337.2 | 99.9 | 99.9 | 99.9 | 99.9 |
| 39.6 | 110.0 | 12742.4 | 175.0 | -52.6 | -59.9 | 99.9 | 99.9 | 99.9 | 99.9 | 363.0 | 363.0 | 99.9 | 99.9 | 99.9 | 99.9 |
| 42.5 | 118.0 | 13732.6 | 150.0 | -53.3 | -59.9 | 99.9 | 99.9 | 99.9 | 99.9 | 378.3 | 378.3 | 99.9 | 99.9 | 99.9 | 99.9 |
| 45.8 | 122.5 | 14906.0 | 125.0 | -55.1 | -59.9 | 99.9 | 99.9 | 99.9 | 99.9 | 395.3 | 395.3 | 99.9 | 99.9 | 99.9 | 99.9 |
| 49.5 | 128.7 | 16315.4 | 100.0 | -59.7 | -59.9 | 99.9 | 99.9 | 99.9 | 99.9 | 411.5 | 411.5 | 99.9 | 99.9 | 99.9 | 99.9 |
| 53.7 | 138.3 | 18097.6 | 75.0 | -62.5 | -59.9 | 99.9 | 99.9 | 99.9 | 99.9 | 441.9 | 441.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 50.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 ** BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 *** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
 **** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 4
THROCKMORTON, TEXAS
24 APRIL 1982
1403 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO CM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 9.6 | 404.8 | 969.2 | 12.5 | 8.6 | 180.0 | 4.1 | 0.0 | 4.1 | 288.2 | 307.1 | 7.3 | 77.0 | 0.0 | 0.0 |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 0.7 | 11.5 | 571.7 | 950.0 | 10.0 | 6.9 | 999.9 | 99.9 | 99.9 | 99.9 | 287.3 | 304.5 | 6.6 | 81.2 | 999.9 | 999.9 |
| 1.5 | 13.8 | 793.2 | 925.0 | 9.0 | 6.1 | 999.9 | 99.9 | 99.9 | 99.9 | 288.5 | 305.3 | 6.4 | 82.1 | 999.9 | 999.9 |
| 2.4 | 16.3 | 1020.1 | 900.0 | 7.8 | 6.2 | 999.9 | 99.9 | 99.9 | 99.9 | 289.6 | 307.0 | 6.6 | 89.7 | 999.9 | 999.9 |
| 3.3 | 18.7 | 1252.2 | 875.0 | 6.4 | 5.9 | 222.3 | 11.0 | 7.4 | 8.1 | 290.4 | 308.1 | 6.7 | 97.1 | 1.4 | 6.0 |
| 4.1 | 21.1 | 1490.7 | 850.0 | 7.0 | 6.5 | 226.7 | 11.5 | 8.7 | 7.6 | 292.4 | 312.5 | 6.7 | 96.6 | 1.8 | 14.0 |
| 5.0 | 23.6 | 1736.6 | 825.0 | 6.3 | 5.8 | 214.5 | 12.0 | 6.9 | 9.8 | 293.3 | 314.2 | 7.0 | 96.5 | 2.4 | 22.0 |
| 6.7 | 26.1 | 1988.5 | 800.0 | 4.7 | 4.2 | 217.9 | 11.2 | 6.9 | 8.9 | 295.3 | 314.8 | 6.5 | 96.2 | 3.0 | 26.0 |
| 7.9 | 28.6 | 2248.5 | 775.0 | 5.4 | 4.4 | 238.2 | 9.7 | 6.4 | 8.3 | 298.2 | 318.4 | 6.8 | 93.7 | 3.6 | 27.0 |
| 9.0 | 31.2 | 2516.1 | 750.0 | 3.6 | 1.8 | 229.9 | 8.4 | 5.4 | 5.1 | 299.6 | 317.7 | 5.8 | 88.3 | 4.1 | 30.0 |
| 10.2 | 33.8 | 2791.1 | 725.0 | 2.1 | 0.5 | 213.1 | 8.4 | 5.4 | 8.2 | 300.5 | 316.7 | 5.5 | 88.9 | 4.6 | 33.0 |
| 11.2 | 36.4 | 3074.1 | 700.0 | 0.4 | -1.4 | 208.0 | 9.4 | 5.4 | 8.5 | 303.0 | 317.1 | 5.0 | 87.8 | 5.2 | 34.0 |
| 12.5 | 39.1 | 3365.3 | 675.0 | -2.4 | -6.3 | 226.7 | 7.9 | 5.8 | 5.4 | 303.8 | 314.1 | 3.6 | 71.0 | 6.5 | 33.0 |
| 13.6 | 41.9 | 3665.3 | 650.0 | -4.8 | -24.9 | 255.2 | 10.8 | 10.4 | 2.7 | 306.3 | 314.1 | 0.8 | 15.8 | 7.0 | 36.0 |
| 14.9 | 44.7 | 3975.3 | 625.0 | -7.7 | -20.5 | 257.4 | 14.5 | 15.7 | 3.2 | 307.0 | 308.8 | 1.2 | 18.8 | 7.7 | 40.0 |
| 15.1 | 50.3 | 4294.7 | 600.0 | -10.5 | -24.9 | 243.5 | 16.5 | 15.7 | 5.2 | 307.2 | 309.6 | 1.7 | 34.8 | 8.7 | 40.0 |
| 17.4 | 53.3 | 4624.1 | 575.0 | -13.3 | -17.6 | 243.5 | 18.8 | 16.9 | 8.4 | 307.8 | 311.1 | 2.0 | 67.1 | 9.9 | 48.0 |
| 18.8 | 56.4 | 4964.6 | 550.0 | -15.8 | -20.5 | 243.5 | 18.8 | 16.9 | 99.9 | 308.3 | 313.9 | 1.7 | 69.9 | 11.4 | 49.0 |
| 20.2 | 59.4 | 5317.2 | 525.0 | -17.2 | -20.5 | 243.5 | 18.8 | 16.9 | 99.9 | 309.4 | 313.9 | 1.4 | 66.9 | 999.9 | 999.9 |
| 21.8 | 62.6 | 5684.3 | 500.0 | -19.6 | -23.4 | 243.5 | 18.8 | 16.9 | 99.9 | 312.1 | 315.2 | 0.4 | 99.9 | 999.9 | 999.9 |
| 23.4 | 65.9 | 6067.3 | 475.0 | -22.2 | -33.4 | 243.5 | 18.8 | 16.9 | 99.9 | 315.3 | 315.6 | 0.1 | 24.3 | 20.9 | 47.0 |
| 24.8 | 69.1 | 6884.3 | 425.0 | -25.1 | -53.0 | 243.5 | 18.8 | 16.9 | 99.9 | 316.8 | 317.0 | 0.0 | 4.8 | 23.0 | 46.0 |
| 26.2 | 72.6 | 7322.2 | 400.0 | -28.0 | -59.7 | 220.5 | 26.2 | 18.3 | 20.5 | 318.6 | 318.7 | 0.0 | 3.1 | 25.3 | 46.0 |
| 27.9 | 76.1 | 7781.7 | 375.0 | -32.1 | -59.7 | 224.2 | 27.3 | 17.7 | 20.7 | 318.6 | 318.7 | 0.0 | 3.2 | 25.3 | 46.0 |
| 29.6 | 79.9 | 8284.5 | 350.0 | -36.2 | -82.0 | 225.1 | 28.8 | 18.7 | 19.2 | 319.2 | 319.3 | 0.0 | 4.5 | 28.1 | 45.0 |
| 31.7 | 83.7 | 8775.8 | 325.0 | -39.4 | -82.0 | 226.7 | 27.0 | 19.3 | 19.3 | 319.2 | 320.0 | 0.0 | 5.0 | 31.2 | 45.0 |
| 33.8 | 87.7 | 9319.9 | 300.0 | -42.8 | -99.9 | 229.4 | 26.5 | 20.1 | 18.5 | 322.4 | 322.4 | 0.0 | 99.9 | 34.3 | 45.0 |
| 36.0 | 92.0 | 9901.4 | 275.0 | -47.3 | -99.9 | 234.8 | 25.6 | 20.9 | 17.3 | 326.8 | 326.8 | 0.0 | 99.9 | 37.6 | 46.0 |
| 38.2 | 96.4 | 10526.1 | 250.0 | -51.4 | -99.9 | 239.7 | 24.9 | 21.5 | 14.8 | 329.6 | 329.6 | 0.0 | 99.9 | 40.9 | 46.0 |
| 40.5 | 101.0 | 11201.9 | 225.0 | -58.1 | -99.9 | 240.9 | 27.8 | 21.5 | 13.5 | 332.5 | 332.5 | 0.0 | 99.9 | 44.3 | 47.0 |
| 43.0 | 106.0 | 11957.5 | 200.0 | -53.2 | -99.9 | 247.1 | 28.6 | 26.4 | 11.1 | 338.6 | 338.6 | 0.0 | 99.9 | 47.5 | 48.0 |
| 46.1 | 111.6 | 12817.0 | 175.0 | -53.5 | -99.9 | 246.7 | 27.5 | 27.5 | 11.8 | 348.6 | 348.6 | 0.0 | 99.9 | 51.8 | 49.0 |
| 48.2 | 117.5 | 13812.6 | 150.0 | -52.1 | -99.9 | 252.6 | 27.2 | 26.0 | 8.0 | 361.6 | 361.6 | 0.0 | 99.9 | 57.0 | 51.0 |
| 52.8 | 124.0 | 14981.7 | 125.0 | -56.4 | -99.9 | 241.2 | 26.2 | 23.0 | 12.6 | 380.4 | 380.4 | 0.0 | 99.9 | 62.0 | 53.0 |
| 57.1 | 131.5 | 16387.0 | 100.0 | -59.9 | -99.9 | 248.0 | 16.5 | 15.3 | 6.2 | 392.9 | 392.9 | 0.0 | 99.9 | 67.3 | 54.0 |
| 62.1 | 140.0 | 18175.0 | 75.0 | -60.5 | -99.9 | 244.4 | 7.1 | 3.7 | 3.1 | 412.0 | 412.0 | 0.0 | 99.9 | 73.6 | 55.0 |
| 69.2 | 149.3 | 20894.4 | 50.0 | -59.7 | -99.9 | 328.2 | 7.0 | 3.7 | -5.9 | 503.0 | 503.0 | 0.0 | 99.9 | 76.5 | 55.0 |
| 80.5 | 158.7 | 25128.7 | 25.0 | -52.4 | -99.9 | 204.8 | 2.8 | 1.2 | 2.5 | 634.3 | 634.3 | 0.0 | 99.9 | 72.3 | 55.0 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
 ** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE NO. 1
OF POOR QUALITY

ORIGINAL PAGE 10
OF POOR QUALITY

STATION NO. 4
THROCKMORTON, TEXAS
24 APRIL 1982
1745 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO CM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 9.5 | 404.8 | 967.8 | 15.9 | 10.5 | 200.0 | 5.0 | 1.7 | 4.7 | 292.8 | 314.6 | 8.3 | 66.0 | 0.0 | 0 |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999 |
| 0.2 | 11.2 | 561.8 | 950.0 | 12.6 | 7.3 | 175.7 | 10.6 | -0.2 | 10.6 | 280.0 | 308.5 | 7.0 | 99.9 | 0.5 | 356 |
| 0.8 | 13.5 | 785.0 | 925.0 | 10.6 | 5.4 | 172.9 | 9.3 | -0.8 | 10.6 | 280.0 | 308.5 | 7.0 | 99.9 | 0.8 | 357 |
| 1.6 | 15.9 | 1012.8 | 900.0 | 8.5 | 6.1 | 182.0 | 7.4 | -1.1 | 7.4 | 290.2 | 308.9 | 6.3 | 81.0 | 1.2 | 355 |
| 2.4 | 18.3 | 1245.5 | 875.0 | 6.8 | 2.4 | 208.2 | 5.5 | 0.3 | 7.4 | 290.2 | 308.9 | 6.8 | 95.4 | 1.6 | 355 |
| 3.4 | 20.7 | 1484.1 | 850.0 | 6.8 | 1.7 | 252.2 | 7.9 | 2.6 | 4.8 | 293.3 | 307.8 | 5.4 | 73.4 | 2.0 | 357 |
| 4.3 | 23.2 | 1730.4 | 825.0 | 8.4 | -1.7 | 252.2 | 11.4 | 7.5 | 2.4 | 297.4 | 309.4 | 4.1 | 49.3 | 2.1 | 357 |
| 5.2 | 25.7 | 1984.9 | 800.0 | 8.5 | -5.1 | 252.2 | 11.4 | 11.1 | 2.3 | 300.3 | 308.7 | 3.3 | 37.7 | 2.3 | 18 |
| 6.3 | 28.2 | 2247.0 | 775.0 | 8.5 | -8.8 | 252.2 | 9.6 | 9.2 | 2.8 | 301.9 | 309.3 | 2.5 | 30.3 | 2.8 | 31 |
| 7.4 | 30.6 | 2516.1 | 750.0 | 5.7 | -11.6 | 239.4 | 7.2 | 6.2 | 3.6 | 302.8 | 309.1 | 2.1 | 27.4 | 3.2 | 37 |
| 8.5 | 33.2 | 2792.1 | 725.0 | 3.5 | -12.2 | 232.6 | 9.4 | 7.4 | 5.7 | 303.3 | 309.5 | 2.1 | 30.5 | 3.7 | 39 |
| 9.4 | 35.8 | 3075.7 | 700.0 | 1.1 | -11.1 | 232.3 | 12.0 | 5.9 | 7.7 | 303.3 | 310.7 | 2.3 | 39.7 | 4.3 | 41 |
| 10.6 | 38.4 | 3367.0 | 675.0 | -1.3 | -11.2 | 232.3 | 14.1 | 11.2 | 8.6 | 304.2 | 311.4 | 2.4 | 47.1 | 5.2 | 43 |
| 11.5 | 41.0 | 3666.5 | 650.0 | -3.9 | -10.9 | 230.1 | 15.7 | 12.1 | 10.1 | 304.6 | 312.2 | 2.4 | 58.1 | 6.0 | 44 |
| 12.5 | 43.7 | 3975.0 | 625.0 | -6.6 | -8.5 | 230.3 | 18.3 | 14.1 | 11.7 | 305.0 | 314.4 | 2.2 | 85.1 | 7.1 | 45 |
| 13.6 | 46.4 | 4293.0 | 600.0 | -8.8 | -10.2 | 233.5 | 21.2 | 17.0 | 12.6 | 305.9 | 314.6 | 2.9 | 90.0 | 8.3 | 45 |
| 14.8 | 49.2 | 4621.6 | 575.0 | -10.9 | -17.0 | 233.5 | 25.0 | 20.1 | 14.8 | 307.2 | 312.6 | 1.8 | 80.8 | 10.0 | 47 |
| 16.0 | 52.0 | 4950.9 | 550.0 | -14.1 | -21.5 | 233.5 | 28.0 | 23.8 | 15.5 | 307.4 | 311.3 | 1.2 | 53.1 | 11.9 | 49 |
| 17.4 | 55.0 | 5312.1 | 525.0 | -16.3 | -25.7 | 236.9 | 30.0 | 26.8 | 15.5 | 308.8 | 310.0 | 0.3 | 16.8 | 14.1 | 49 |
| 18.7 | 58.0 | 5677.8 | 500.0 | -18.4 | -35.1 | 242.2 | 30.0 | 26.8 | 13.6 | 310.7 | 311.6 | 0.2 | 15.6 | 16.4 | 51 |
| 20.1 | 61.0 | 6058.7 | 475.0 | -20.8 | -39.9 | 242.8 | 29.5 | 26.2 | 13.5 | 312.3 | 313.1 | 0.2 | 16.0 | 18.8 | 53 |
| 21.5 | 64.1 | 6455.3 | 450.0 | -24.3 | -42.6 | 234.6 | 30.0 | 24.5 | 17.4 | 312.8 | 313.5 | 0.2 | 16.3 | 21.2 | 53 |
| 22.9 | 67.4 | 6869.8 | 425.0 | -26.6 | -44.8 | 231.5 | 35.8 | 28.0 | 22.3 | 314.9 | 315.5 | 0.2 | 16.0 | 24.0 | 53 |
| 24.3 | 70.8 | 7305.4 | 400.0 | -29.4 | -47.1 | 230.6 | 37.7 | 29.1 | 23.9 | 316.8 | 317.3 | 0.1 | 16.0 | 27.2 | 53 |
| 25.8 | 74.1 | 7763.6 | 375.0 | -32.1 | -49.2 | 228.7 | 37.1 | 27.9 | 24.5 | 319.2 | 319.6 | 0.1 | 16.2 | 30.4 | 53 |
| 27.5 | 77.7 | 8246.7 | 350.0 | -35.1 | -52.4 | 229.9 | 37.0 | 28.3 | 23.9 | 320.1 | 320.4 | 0.1 | 16.5 | 34.2 | 52 |
| 29.3 | 81.5 | 8757.5 | 325.0 | -39.4 | -59.9 | 235.4 | 37.0 | 30.5 | 21.0 | 320.1 | 320.4 | 0.1 | 16.5 | 38.0 | 52 |
| 30.9 | 85.3 | 9300.4 | 300.0 | -43.5 | -69.9 | 235.4 | 37.0 | 31.8 | 19.0 | 322.4 | 322.4 | 99.9 | 99.9 | 42.0 | 53 |
| 32.9 | 89.5 | 9881.4 | 275.0 | -46.6 | -79.9 | 238.3 | 33.6 | 31.8 | 17.7 | 327.7 | 327.7 | 99.9 | 99.9 | 46.2 | 53 |
| 35.1 | 93.8 | 10507.4 | 250.0 | -51.2 | -89.9 | 238.8 | 33.6 | 28.9 | 17.5 | 330.9 | 330.9 | 99.9 | 99.9 | 50.3 | 54 |
| 37.2 | 98.3 | 11186.9 | 225.0 | -53.9 | -99.9 | 242.0 | 39.1 | 34.5 | 18.4 | 335.9 | 335.9 | 99.9 | 99.9 | 55.4 | 54 |
| 39.7 | 103.2 | 11942.8 | 200.0 | -54.1 | -99.9 | 242.6 | 28.2 | 25.1 | 13.0 | 347.1 | 347.1 | 99.9 | 99.9 | 60.4 | 55 |
| 42.4 | 108.5 | 12798.4 | 175.0 | -55.0 | -99.9 | 240.5 | 31.2 | 27.2 | 15.4 | 359.1 | 359.1 | 99.9 | 99.9 | 64.4 | 55 |
| 45.7 | 114.2 | 13787.6 | 150.0 | -53.8 | -99.9 | 255.5 | 25.0 | 24.2 | 6.3 | 377.4 | 377.4 | 99.9 | 99.9 | 70.6 | 56 |
| 49.1 | 120.7 | 14950.7 | 125.0 | -56.9 | -99.9 | 244.4 | 28.8 | 25.9 | 12.4 | 392.0 | 392.0 | 99.9 | 99.9 | 75.1 | 57 |
| 53.2 | 127.7 | 16355.4 | 100.0 | -59.6 | -99.9 | 247.0 | 17.1 | 15.8 | 6.7 | 412.5 | 412.5 | 99.9 | 99.9 | 81.0 | 58 |
| 58.7 | 136.0 | 18130.5 | 75.0 | -60.8 | -99.9 | 256.4 | 12.8 | 12.5 | 3.0 | 445.5 | 445.5 | 99.9 | 99.9 | 86.1 | 58 |
| 66.1 | 145.5 | 20639.5 | 50.0 | -60.8 | -99.9 | 147.7 | 7.5 | -4.0 | 6.3 | 500.3 | 500.3 | 99.9 | 99.9 | 86.8 | 58 |
| 77.7 | 155.7 | 25059.0 | 25.0 | -50.8 | -99.9 | 81.8 | 7.0 | -6.9 | -1.0 | 639.0 | 639.0 | 99.9 | 99.9 | 82.9 | 57 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 4
THROCKMORTON, TEXAS
24 APRIL 1982
2000 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO CM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 9.8 | 404.8 | 966.8 | 17.1 | 10.2 | 230.0 | 2.1 | 1.6 | 1.3 | 293.1 | 314.5 | 8.1 | 64.0 | 0.0 | 0. |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 553.5 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.7 | 11.4 | 553.5 | 950.0 | 15.2* | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 292.6 | 311.5 | 7.4 | 99.9 | 99.9 | 99.9 |
| 1.7 | 13.6 | 778.6 | 925.0 | 10.6 | 8.1 | 999.9 | 99.9 | 99.9 | 99.9 | 292.1 | 311.5 | 7.4 | 99.9 | 99.9 | 99.9 |
| 2.7 | 18.2 | 1008.2 | 900.0 | 10.6 | 8.8 | 189.0 | 7.3 | 1.2 | 7.2 | 292.4 | 312.4 | 7.9 | 88.6 | 1.1 | 18. |
| 3.4 | 18.6 | 1242.6 | 875.0 | 8.4 | 7.6 | 196.1 | 9.4 | 2.6 | 9.0 | 292.5 | 312.4 | 7.5 | 94.3 | 1.4 | 15. |
| 4.5 | 21.0 | 1481.8 | 850.0 | 6.8 | 6.0 | 210.1 | 10.4 | 5.2 | 9.0 | 293.3 | 311.7 | 6.9 | 94.8 | 2.1 | 17. |
| 5.5 | 23.5 | 1728.5 | 825.0 | 8.8 | 0.6 | 224.2 | 11.2 | 7.8 | 8.0 | 297.9 | 311.4 | 4.9 | 56.3 | 2.7 | 22. |
| 6.4 | 26.0 | 1982.8 | 800.0 | 7.1 | -0.8 | 230.4 | 14.9 | 11.5 | 9.5 | 298.8 | 311.4 | 4.5 | 57.0 | 3.3 | 27. |
| 7.4 | 28.5 | 2244.6 | 775.0 | 7.5 | -2.9 | 225.6 | 15.0 | 10.7 | 10.5 | 301.9 | 313.3 | 4.0 | 47.6 | 4.2 | 33. |
| 8.4 | 31.1 | 2514.2 | 750.0 | 6.3 | -6.7 | 221.1 | 13.7 | 9.0 | 10.3 | 303.4 | 313.2 | 3.1 | 38.8 | 5.1 | 34. |
| 9.6 | 33.7 | 2790.8 | 725.0 | 3.7 | -8.2 | 230.6 | 14.1 | 10.9 | 9.0 | 304.4 | 310.9 | 3.2 | 48.4 | 6.0 | 36. |
| 10.6 | 36.3 | 3074.8 | 700.0 | 1.7 | -11.9 | 237.0 | 15.1 | 12.7 | 8.2 | 304.4 | 309.7 | 2.2 | 35.4 | 7.9 | 41. |
| 11.8 | 39.0 | 3368.1 | 675.0 | -1.5 | -14.2 | 239.4 | 15.5 | 13.4 | 7.9 | 304.0 | 309.2 | 1.9 | 37.3 | 9.0 | 43. |
| 13.0 | 41.7 | 3665.8 | 650.0 | -3.3 | -19.7 | 237.1 | 19.8 | 16.6 | 10.8 | 305.3 | 309.0 | 1.3 | 27.3 | 10.5 | 45. |
| 14.1 | 44.4 | 3974.9 | 625.0 | -5.8 | -22.9 | 235.5 | 23.5 | 19.4 | 13.3 | 305.9 | 309.0 | 0.6 | 25.1 | 12.3 | 47. |
| 15.3 | 47.3 | 4293.6 | 600.0 | -7.7 | -29.4 | 238.9 | 25.1 | 21.5 | 13.0 | 307.2 | 309.0 | 0.5 | 15.5 | 14.1 | 49. |
| 16.8 | 50.1 | 4622.9 | 575.0 | -10.1 | -31.7 | 242.6 | 24.1 | 23.4 | 11.1 | 308.2 | 309.7 | 0.5 | 15.0 | 15.8 | 50. |
| 17.8 | 53.0 | 4983.4 | 550.0 | -12.6 | -36.6 | 248.7 | 24.8 | 25.6 | 10.5 | 309.1 | 310.5 | 0.4 | 15.9 | 17.8 | 53. |
| 19.2 | 56.0 | 5316.0 | 525.0 | -15.8 | -36.1 | 247.6 | 27.7 | 23.1 | 9.0 | 309.4 | 310.5 | 0.3 | 15.4 | 20.3 | 54. |
| 20.6 | 59.0 | 5682.2 | 500.0 | -18.3 | -37.9 | 241.1 | 31.2 | 27.3 | 15.1 | 310.7 | 311.8 | 0.2 | 15.9 | 23.2 | 55. |
| 22.1 | 82.1 | 6082.7 | 475.0 | -21.8 | -40.9 | 240.6 | 33.9 | 29.5 | 18.7 | 311.0 | 312.6 | 0.2 | 15.6 | 26.1 | 56. |
| 23.5 | 85.3 | 6458.5 | 450.0 | -24.9 | -43.5 | 245.0 | 32.5 | 32.0 | 14.8 | 312.0 | 313.1 | 0.1 | 15.4 | 29.2 | 57. |
| 25.1 | 88.6 | 6870.8 | 425.0 | -28.4 | -46.1 | 245.1 | 35.3 | 32.0 | 14.8 | 312.7 | 316.5 | 0.1 | 15.3 | 32.4 | 57. |
| 26.6 | 92.0 | 7303.8 | 400.0 | -29.9 | -47.9 | 242.2 | 35.8 | 31.7 | 15.7 | 316.2 | 317.8 | 0.1 | 15.3 | 35.9 | 58. |
| 28.2 | 95.4 | 7720.6 | 375.0 | -33.4 | -50.8 | 244.5 | 36.7 | 32.2 | 15.8 | 317.4 | 319.2 | 0.1 | 15.7 | 39.5 | 59. |
| 29.9 | 98.0 | 8241.1 | 350.0 | -36.9 | -52.6 | 248.2 | 35.1 | 32.6 | 13.0 | 318.9 | 323.3 | 0.1 | 15.8 | 43.3 | 60. |
| 31.7 | 82.7 | 8751.7 | 325.0 | -38.9 | -55.2 | 246.5 | 42.4 | 38.8 | 16.9 | 323.1 | 323.3 | 0.1 | 99.9 | 49.2 | 60. |
| 33.7 | 86.7 | 9295.4 | 300.0 | -43.1 | -59.9 | 244.7 | 47.9* | 43.3 | 20.5 | 324.7 | 323.3 | 99.9 | 99.9 | 55.0 | 61. |
| 35.8 | 90.8 | 9877.5 | 275.0 | -46.1 | -59.9 | 246.0 | 46.5* | 42.4 | 18.9 | 328.4 | 323.3 | 99.9 | 99.9 | 61.1 | 61. |
| 38.0 | 95.2 | 10505.6 | 250.0 | -49.0 | -59.9 | 246.5 | 46.1* | 42.3 | 18.4 | 333.2 | 323.3 | 99.9 | 99.9 | 67.9 | 62. |
| 40.5 | 99.8 | 11194.1 | 225.0 | -51.1 | -59.9 | 246.4 | 41.9* | 38.4 | 16.8 | 340.1 | 323.3 | 99.9 | 99.9 | 73.5 | 62. |
| 43.3 | 104.6 | 11934.5 | 200.0 | -54.0 | -59.9 | 250.0 | 26.4* | 24.8 | 9.0 | 350.6 | 323.3 | 99.9 | 99.9 | 78.7 | 63. |
| 46.4 | 110.0 | 12820.7 | 175.0 | -54.0 | -59.9 | 242.8 | 31.2* | 27.8 | 14.3 | 360.9 | 323.3 | 99.9 | 99.9 | 85.2 | 63. |
| 49.7 | 115.7 | 13812.2 | 150.0 | -55.0 | -59.9 | 244.1 | 30.0* | 27.0 | 13.1 | 375.4 | 323.3 | 99.9 | 99.9 | 92.6 | 63. |
| 53.8 | 122.2 | 14972.9 | 125.0 | -55.1 | -59.9 | 247.0 | 25.9* | 23.8 | 10.1 | 395.2 | 323.3 | 99.9 | 99.9 | 101.0 | 64. |
| 58.6 | 129.7 | 16385.8 | 100.0 | -59.0 | -59.9 | 254.8 | 15.6* | 15.1 | 4.1 | 413.7 | 323.3 | 99.9 | 99.9 | 101.0 | 64. |
| 64.3 | 138.5 | 18168.0 | 75.0 | -62.6 | -59.9 | 250.8 | 7.5* | 7.1 | 2.5 | 503.8 | 323.3 | 99.9 | 99.9 | 99.9 | 99.9 |
| 72.0 | 148.5 | 20672.3 | 50.0 | -59.3 | -59.9 | 167.0 | 8.1 | -1.8 | 7.9 | 627.7 | 323.3 | 99.9 | 99.9 | 99.9 | 99.9 |
| 82.1 | 160.0 | 25096.4 | 25.0 | -54.6 | -59.9 | 99.9 | 99.9 | 99.9 | 99.9 | 627.7 | 323.3 | 99.9 | 99.9 | 99.9 | 99.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 ** BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 *** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
 **** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

STATION NO. 4
THROCKMORTON, TEXAS
24 APRIL 1982
2300 GMT

| TIME MIN | ONTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 10.3 | 404.8 | 963.4 | 19.3 | 10.0 | 180.0 | 4.0 | 0.0 | 4.0 | 295.6 | 317.2 | 8.1 | 55.0 | 0.0 | 0 |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 0 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 0 |
| 0.3 | 11.5 | 524.7 | 950.0 | 16.4 | 8.9 | 99.9 | 99.9 | 99.9 | 99.9 | 293.9 | 314.0 | 7.6 | 61.1 | 99.9 | 999 |
| 1.1 | 13.8 | 750.9 | 925.0 | 14.3 | 8.0 | 99.9 | 99.9 | 99.9 | 99.9 | 294.0 | 313.5 | 7.3 | 66.0 | 99.9 | 999 |
| 2.2 | 15.3 | 982.2 | 900.0 | 12.5 | 8.5 | 187.5 | 10.2 | 1.3 | 10.1 | 294.5 | 315.3 | 7.8 | 76.1 | 1.5 | 352 |
| 3.2 | 18.6 | 1218.7 | 875.0 | 12.2 | 6.7 | 211.1 | 10.1 | 5.2 | 8.6 | 296.5 | 315.5 | 7.1 | 69.0 | 2.0 | 359 |
| 4.0 | 21.0 | 1461.7 | 850.0 | 12.5 | 2.4 | 226.1 | 11.9 | 8.6 | 8.2 | 299.2 | 314.1 | 5.4 | 50.2 | 2.4 | 8 |
| 4.8 | 23.5 | 1711.8 | 825.0 | 11.1 | -0.6 | 222.3 | 12.8 | 8.6 | 8.5 | 300.4 | 312.9 | 4.5 | 44.2 | 2.9 | 15 |
| 5.6 | 26.0 | 1967.7 | 800.0 | 8.9 | -1.7 | 226.2 | 13.1 | 9.4 | 9.0 | 300.7 | 312.6 | 4.1 | 47.0 | 3.5 | 20 |
| 6.6 | 28.4 | 2229.7 | 775.0 | 6.6 | -2.5 | 229.7 | 13.6 | 10.3 | 8.8 | 300.9 | 312.6 | 4.1 | 52.1 | 4.2 | 25 |
| 7.6 | 31.0 | 2498.0 | 750.0 | 4.7 | -9.1 | 231.8 | 14.4 | 11.3 | 8.9 | 301.7 | 309.2 | 2.6 | 35.9 | 5.0 | 33 |
| 8.7 | 33.6 | 2773.3 | 725.0 | 2.5 | -11.3 | 236.8 | 15.1 | 12.6 | 8.3 | 302.2 | 308.8 | 2.2 | 35.2 | 5.8 | 33 |
| 9.9 | 35.1 | 3056.1 | 700.0 | 1.7 | -21.7 | 241.1 | 17.7 | 15.5 | 8.5 | 304.3 | 307.4 | 1.0 | 15.6 | 6.9 | 37 |
| 11.0 | 38.8 | 3348.2 | 675.0 | 0.1 | -22.5 | 247.3 | 18.0 | 16.6 | 8.5 | 305.7 | 307.7 | 0.9 | 16.4 | 8.0 | 41 |
| 12.3 | 41.4 | 3649.3 | 650.0 | -2.0 | -23.3 | 253.6 | 18.2 | 17.4 | 5.1 | 306.7 | 309.5 | 0.9 | 17.7 | 9.3 | 45 |
| 13.5 | 44.2 | 3959.4 | 625.0 | -4.6 | -25.1 | 262.8 | 18.3 | 18.1 | 2.3 | 307.2 | 309.8 | 0.8 | 18.2 | 10.4 | 49 |
| 14.8 | 47.0 | 4279.3 | 600.0 | -6.8 | -26.3 | 263.4 | 20.5 | 20.4 | 2.3 | 308.2 | 310.6 | 0.7 | 19.4 | 11.6 | 54 |
| 15.9 | 49.8 | 4609.9 | 575.0 | -9.3 | -29.5 | 256.5 | 24.2 | 24.2 | 5.8 | 309.1 | 311.0 | 0.6 | 17.4 | 13.0 | 57 |
| 17.1 | 52.7 | 4951.9 | 550.0 | -11.8 | -31.9 | 255.7 | 27.5 | 26.7 | 6.8 | 310.1 | 311.7 | 0.5 | 17.0 | 14.8 | 59 |
| 18.3 | 55.6 | 5306.2 | 525.0 | -14.7 | -33.6 | 253.1 | 25.7 | 24.6 | 7.5 | 310.7 | 312.1 | 0.4 | 18.1 | 16.8 | 61 |
| 19.7 | 58.6 | 5673.3 | 500.0 | -17.9 | -36.3 | 252.0 | 21.4 | 20.4 | 6.6 | 311.2 | 312.4 | 0.3 | 18.1 | 18.6 | 62 |
| 21.3 | 61.8 | 6054.4 | 475.0 | -21.2 | -39.6 | 258.2 | 24.8 | 24.3 | 5.0 | 311.7 | 312.6 | 0.3 | 17.1 | 20.6 | 63 |
| 22.6 | 64.9 | 6450.4 | 450.0 | -24.9 | -42.5 | 261.9 | 25.2 | 24.9 | 3.6 | 311.9 | 312.6 | 0.2 | 17.6 | 22.7 | 65 |
| 24.3 | 68.1 | 6862.9 | 425.0 | -28.7 | -45.4 | 259.2 | 24.8 | 24.4 | 4.6 | 312.3 | 312.8 | 0.2 | 18.1 | 25.0 | 65 |
| 25.9 | 71.5 | 7294.7 | 400.0 | -31.2 | -47.7 | 257.8 | 29.3 | 28.7 | 6.2 | 314.5 | 314.9 | 0.1 | 17.7 | 27.9 | 67 |
| 27.6 | 75.0 | 7749.0 | 375.0 | -34.4 | -50.5 | 257.2 | 38.1 | 37.2 | 8.4 | 316.1 | 316.5 | 0.1 | 17.6 | 30.9 | 69 |
| 29.5 | 78.6 | 8229.9 | 350.0 | -36.4 | -52.2 | 256.5 | 42.1 | 41.0 | 9.8 | 319.7 | 320.0 | 0.1 | 17.5 | 35.4 | 70 |
| 31.4 | 82.3 | 8741.0 | 325.0 | -39.4 | -55.9 | 256.1 | 45.3 | 44.0 | 10.9 | 322.4 | 322.4 | 99.9 | 99.9 | 40.4 | 70 |
| 33.5 | 86.3 | 9284.6 | 300.0 | -42.3 | -59.9 | 99.9 | 99.9 | 99.9 | 99.9 | 324.3 | 324.3 | 99.9 | 99.9 | 46.2 | 71 |
| 35.7 | 90.3 | 9866.9 | 275.0 | -45.8 | -64.6 | 99.9 | 99.9 | 99.9 | 99.9 | 328.9 | 328.9 | 99.9 | 99.9 | 52.9 | 71 |
| 37.9 | 94.7 | 10495.5 | 250.0 | -49.6 | -69.9 | 99.9 | 99.9 | 99.9 | 99.9 | 332.3 | 332.3 | 99.9 | 99.9 | 57.4 | 72 |
| 40.3 | 99.2 | 11182.5 | 225.0 | -51.9 | -74.9 | 253.0 | 45.2 | 43.2 | 13.3 | 339.0 | 339.0 | 99.9 | 99.9 | 64.1 | 73 |
| 43.2 | 104.2 | 11943.8 | 200.0 | -52.9 | -79.9 | 251.4 | 34.3 | 32.5 | 10.9 | 349.0 | 349.0 | 99.9 | 99.9 | 70.9 | 73 |
| 46.0 | 109.4 | 12805.6 | 175.0 | -53.3 | -84.9 | 247.0 | 29.6 | 27.2 | 11.6 | 352.0 | 352.0 | 99.9 | 99.9 | 76.1 | 72 |
| 49.3 | 115.2 | 13794.6 | 150.0 | -55.6 | -89.9 | 248.3 | 30.4 | 28.3 | 11.3 | 374.3 | 374.3 | 99.9 | 99.9 | 82.0 | 72 |
| 53.2 | 121.7 | 14948.1 | 125.0 | -57.4 | -94.9 | 244.8 | 34.6 | 31.3 | 14.7 | 391.1 | 391.1 | 99.9 | 99.9 | 89.9 | 71 |
| 57.7 | 129.0 | 16363.3 | 100.0 | -58.4 | -99.9 | 266.4 | 14.7 | 14.7 | 0.9 | 415.0 | 415.0 | 99.9 | 99.9 | 96.7 | 71 |
| 63.3 | 137.7 | 18147.0 | 75.0 | -62.3 | -99.9 | 307.9 | 8.8 | 6.9 | -5.4 | 442.4 | 442.4 | 99.9 | 99.9 | 100.2 | 71 |
| 70.8 | 147.5 | 20646.0 | 50.0 | -60.0 | -99.9 | 191.5 | 8.6 | 1.7 | 8.5 | 502.3 | 502.3 | 99.9 | 99.9 | 99.8 | 71 |
| 82.4 | 158.0 | 25066.2 | 25.0 | -51.5 | -99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 636.6 | 636.6 | 99.9 | 99.9 | 96.0 | 71 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
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ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 4
THROCKMORTON, TEXAS
25 APRIL 1982
204 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0 0 | 10.4 | 404.8 | 962.1 | 14.1 | 10.3 | 200.0 | 4.1 | 1.4 | 3.9 | 290.5 | 311.9 | 8.2 | 78.0 | 0.0 | 0.0 |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.3 | 11.5 | 511.6 | 950.0 | 12.9 | 99.9 | 169.5 | 18.6 | -3.4 | 18.3 | 290.3 | 99.9 | 99.9 | 99.9 | 0.4 | 334.0 |
| 1.1 | 13.8 | 735.3 | 925.0 | 11.9 | 9.5 | 186.8 | 19.3 | -3.8 | 18.9 | 291.5 | 99.9 | 99.9 | 99.9 | 1.2 | 340.0 |
| 2.1 | 16.2 | 964.4 | 900.0 | 11.4 | 7.6 | 201.1 | 14.5 | 1.7 | 14.4 | 293.3 | 312.7 | 8.1 | 85.0 | 2.1 | 347.0 |
| 3.0 | 18.7 | 1201.9 | 875.0 | 13.6 | 5.3 | 214.1 | 12.5 | 1.5 | 10.7 | 297.9 | 315.3 | 7.3 | 77.7 | 2.7 | 354.0 |
| 3.8 | 21.1 | 1445.6 | 850.0 | 12.0 | 4.0 | 225.6 | 13.4 | 7.3 | 9.4 | 298.7 | 315.3 | 6.0 | 58.0 | 3.3 | 1.0 |
| 4.8 | 23.5 | 1695.2 | 825.0 | 10.3 | 2.7 | 239.4 | 15.0 | 9.6 | 7.7 | 299.5 | 315.1 | 5.6 | 59.1 | 3.9 | 16.0 |
| 5.9 | 26.0 | 1950.4 | 800.0 | 8.0 | -1.4 | 244.5 | 17.1 | 15.4 | 7.4 | 299.7 | 314.1 | 5.2 | 61.1 | 4.8 | 18.0 |
| 6.9 | 28.6 | 2211.8 | 775.0 | 5.9 | -4.1 | 250.6 | 17.2 | 16.2 | 5.7 | 300.5 | 312.8 | 4.5 | 59.5 | 5.3 | 24.0 |
| 8.1 | 31.2 | 2479.3 | 750.0 | 3.6 | -8.0 | 258.3 | 18.8 | 18.5 | 3.8 | 302.1 | 310.6 | 2.9 | 57.1 | 6.3 | 31.0 |
| 9.3 | 33.7 | 2754.2 | 725.0 | 2.4 | -8.3 | 264.2 | 17.9 | 18.5 | 3.8 | 302.1 | 310.6 | 2.9 | 57.1 | 7.2 | 38.0 |
| 10.5 | 36.3 | 3036.8 | 700.0 | 0.1 | -12.2 | 282.1 | 16.7 | 16.6 | 2.3 | 303.8 | 310.4 | 2.2 | 53.1 | 8.2 | 45.0 |
| 11.7 | 39.0 | 3327.4 | 675.0 | -1.7 | -22.9 | 256.2 | 13.8 | 13.4 | 2.3 | 305.8 | 308.7 | 2.2 | 44.2 | 9.3 | 50.0 |
| 12.9 | 41.7 | 3627.4 | 650.0 | -2.8 | -28.3 | 253.4 | 12.0 | 11.5 | 3.4 | 306.5 | 308.8 | 0.9 | 19.5 | 10.3 | 53.0 |
| 14.0 | 44.4 | 3936.7 | 625.0 | -5.2 | -31.4 | 253.9 | 12.8 | 11.3 | 3.4 | 308.7 | 308.7 | 0.7 | 17.2 | 11.0 | 54.0 |
| 15.1 | 47.2 | 4255.4 | 600.0 | -8.2 | -31.4 | 258.7 | 13.8 | 13.5 | 2.7 | 307.1 | 308.6 | 0.6 | 17.7 | 11.7 | 56.0 |
| 16.1 | 50.1 | 4583.9 | 575.0 | -11.0 | -33.6 | 259.4 | 18.9 | 18.6 | 2.7 | 307.1 | 308.6 | 0.5 | 16.8 | 12.6 | 57.0 |
| 17.3 | 53.0 | 4923.3 | 550.0 | -14.0 | -36.3 | 254.5 | 22.0 | 22.0 | 6.1 | 307.4 | 308.7 | 0.4 | 17.1 | 13.6 | 59.0 |
| 18.6 | 56.0 | 5274.6 | 525.0 | -16.5 | -38.6 | 250.7 | 22.8 | 20.5 | 7.2 | 309.2 | 310.2 | 0.3 | 16.4 | 15.2 | 61.0 |
| 20.3 | 59.0 | 5839.3 | 500.0 | -19.5 | -41.3 | 258.7 | 22.7 | 22.2 | 4.5 | 309.2 | 310.2 | 0.2 | 16.4 | 17.5 | 62.0 |
| 22.7 | 62.1 | 6017.9 | 475.0 | -23.0 | -44.1 | 266.2 | 21.5 | 21.4 | 1.4 | 309.5 | 310.5 | 0.2 | 16.7 | 20.6 | 64.0 |
| 25.1 | 65.4 | 6411.5 | 450.0 | -26.5 | -46.4 | 266.2 | 21.5 | 21.4 | 1.4 | 309.5 | 310.5 | 0.2 | 16.7 | 23.6 | 66.0 |
| 28.0 | 68.6 | 6821.3 | 425.0 | -30.3 | -48.4 | 266.2 | 21.5 | 21.4 | 1.4 | 309.5 | 310.5 | 0.1 | 18.8 | 26.6 | 68.0 |
| 99.9 | 99.9 | 99.9 | 400.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 375.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 350.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 325.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 300.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 275.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 250.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 225.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 200.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 175.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 150.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 125.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 100.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 75.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 50.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

STATION NO.
THROCKMORTON, TEXAS
25 APRIL 1982
502 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 10.2 | 404.8 | 962.5 | 13.2 | 11.1 | 180.0 | 2.1 | 0.0 | 2.1 | 289.5 | 312.0 | 8.7 | 87.0 | 0.0 | 0.0 |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 0.3 | 11.4 | 514.8 | 950.0 | 12.3 | 99.9 | 181.4 | 5.1 | 0.1 | 5.1 | 288.6 | 99.9 | 99.9 | 99.9 | 0.3 | 342 |
| 1.1 | 13.9 | 737.5 | 925.0 | 11.0* | 99.9 | 183.2 | 7.0 | 0.4 | 7.0 | 290.5 | 99.9 | 99.9 | 99.9 | 0.5 | 350 |
| 1.9 | 16.4 | 966.9 | 900.0 | 12.5 | 99.9 | 194.8 | 8.1 | 0.4 | 7.9 | 294.4 | 317.0 | 8.6 | 85.0 | 0.9 | 358 |
| 2.8 | 18.9 | 1204.4 | 875.0 | 13.8 | 99.9 | 210.4 | 8.5 | 4.3 | 7.3 | 298.1 | 316.4 | 6.7 | 59.0 | 1.3 | 6 |
| 3.6 | 21.4 | 1448.7 | 850.0 | 13.4 | 99.9 | 224.0 | 7.2 | 5.0 | 5.1 | 300.2 | 313.3 | 4.7 | 55.5 | 1.7 | 14 |
| 4.4 | 24.0 | 1699.3 | 825.0 | 12.8 | -24.8 | 237.5 | 6.9 | 5.8 | 3.7 | 302.2 | 304.1 | 0.6 | 5.8 | 1.9 | 19 |
| 5.3 | 26.6 | 1956.7 | 800.0 | 11.3 | -25.3 | 241.9 | 9.7 | 8.5 | 4.5 | 303.3 | 305.2 | 0.8 | 5.8 | 2.2 | 27 |
| 6.2 | 29.2 | 2220.3 | 775.0 | 8.9 | -23.3 | 251.2 | 10.2 | 9.6 | 3.3 | 303.4 | 305.8 | 0.8 | 5.8 | 2.7 | 34 |
| 7.0 | 31.9 | 2490.1 | 750.0 | 6.5 | -21.2 | 254.7 | 8.6 | 8.3 | 2.3 | 303.6 | 306.6 | 0.9 | 11.7 | 3.0 | 40 |
| 7.7 | 34.6 | 2766.6 | 725.0 | 3.8 | -18.4 | 260.0 | 8.1 | 8.0 | 1.4 | 303.6 | 307.4 | 1.2 | 17.9 | 3.3 | 43 |
| 8.6 | 37.3 | 3050.3 | 700.0 | 1.2 | -10.8 | 267.4 | 8.8 | 8.8 | 0.4 | 303.8 | 311.0 | 2.4 | 40.4 | 3.7 | 48 |
| 9.4 | 40.1 | 3341.5 | 675.0 | -1.4 | -8.9 | 271.8 | 9.5 | 9.5 | -0.3 | 304.1 | 312.5 | 2.9 | 56.5 | 4.0 | 52 |
| 10.6 | 42.9 | 3641.1 | 650.0 | -4.0 | -8.4 | 272.4 | 11.4 | 11.4 | -0.5 | 304.4 | 313.6 | 3.1 | 71.7 | 4.6 | 58 |
| 11.6 | 45.8 | 3949.1 | 625.0 | -6.7 | -10.6 | 271.9 | 10.2 | 10.2 | -0.3 | 304.8 | 312.8 | 2.7 | 73.6 | 5.2 | 62 |
| 12.7 | 48.8 | 4266.6 | 600.0 | -9.0 | -21.4 | 280.6 | 7.4 | 7.2 | -1.4 | 305.7 | 309.5 | 1.2 | 36.9 | 5.7 | 65 |
| 13.9 | 51.7 | 4595.2 | 575.0 | -10.6 | -47.7 | 276.6 | 8.8 | 8.8 | -1.0 | 307.6 | 307.9 | 0.1 | 2.9 | 6.1 | 68 |
| 14.9 | 54.6 | 4935.5 | 550.0 | -13.0 | -44.6 | 275.6 | 7.9 | 7.9 | -0.8 | 308.7 | 309.2 | 0.1 | 5.4 | 6.6 | 71 |
| 16.2 | 57.9 | 5288.4 | 525.0 | -15.6 | -32.8 | 260.6 | 9.3 | 9.2 | 1.5 | 309.7 | 308.9 | 0.1 | 2.4 | 7.2 | 72 |
| 17.4 | 60.9 | 5654.2 | 500.0 | -18.8 | -53.4 | 253.9 | 8.0 | 7.6 | 2.2 | 310.1 | 310.3 | 0.1 | 2.9 | 7.9 | 73 |
| 18.7 | 64.0 | 6033.5 | 475.0 | -22.3 | -54.9 | 250.6 | 7.4 | 6.9 | 2.5 | 310.3 | 310.5 | 0.0 | 3.3 | 8.4 | 72 |
| 20.1 | 67.4 | 6428.0 | 450.0 | -25.9 | -54.5 | 260.6 | 7.2 | 7.1 | 1.2 | 310.7 | 310.9 | 0.0 | 3.5 | 9.0 | 73 |
| 21.6 | 70.7 | 6839.5 | 425.0 | -29.2 | -54.5 | 266.3 | 7.1 | 7.1 | 0.5 | 311.7 | 311.9 | 0.1 | 6.6 | 9.7 | 73 |
| 23.2 | 74.1 | 7269.5 | 400.0 | -32.7 | -59.4 | 256.6 | 6.6 | 6.4 | -0.1 | 312.5 | 312.7 | 0.0 | 11.2 | 10.8 | 74 |
| 24.7 | 77.7 | 7720.7 | 375.0 | -36.3 | -56.1 | 271.1 | 5.9 | 5.9 | -0.1 | 313.6 | 313.8 | 0.1 | 99.9 | 11.4 | 75 |
| 26.3 | 81.5 | 8195.2 | 350.0 | -39.9 | 99.9 | 257.2 | 9.2 | 9.0 | 3.3 | 314.9 | 99.9 | 99.9 | 99.9 | 12.9 | 75 |
| 28.1 | 85.3 | 8700.2 | 325.0 | -41.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 316.3 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 30.1 | 89.3 | 9239.2 | 300.0 | -45.3 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 321.6 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 32.0 | 93.3 | 9815.6 | 275.0 | -49.1 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 324.2 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 33.9 | 97.3 | 10437.7 | 250.0 | -51.3 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 328.8 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 36.1 | 102.2 | 99.9 | 225.0 | -51.9** | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 38.5 | 107.0 | 99.9 | 200.0 | -52.2 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 41.1 | 112.2 | 99.9 | 175.0 | -52.2 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 44.2 | 117.8 | 99.9 | 150.0 | -54.4 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 363.8 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 47.4 | 124.0 | 99.9 | 125.0 | -58.9** | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 376.4 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 51.6 | 130.7 | 99.9 | 100.0 | -58.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 55.9 | 138.5 | 99.9 | 75.0 | -63.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 413.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 62.2 | 147.3 | 99.9 | 50.0 | -62.1 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 439.6 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 73.2 | 157.0 | 99.9 | 25.0 | -54.1 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 497.2 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 ** BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
 ** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PART 15
 OF POOR QUALITY

ORIGINAL PAGE 13
OF POOR QUALITY

| STATION NO. 5 DENTON, TEXAS | | | | | | | | | | | | | | | |
|--------------------------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 24 APRIL 1982 1114 GMT | | | | | | | | | | | | | | | |
| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE NM | AZ DG |
| 0.0 | 7.4 | 193.2 | 995.1 | 13.0 | 7.0 | 180.0 | 2.5 | 0.0 | 2.5 | 286.6 | 303.1 | 6.3 | 67.0 | 0.0 | 0 |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.8 | 9.4 | 364.0 | 975.0 | 10.3 | 8.0 | 221.3 | 9.8 | 6.5 | 7.4 | 285.6 | 303.4 | 6.9 | 85.2 | 0.2 | 34 |
| 1.7 | 11.7 | 579.7 | 950.0 | 8.3 | 7.1 | 205.6 | 13.4 | 5.8 | 12.0 | 285.7 | 302.9 | 6.7 | 91.8 | 0.9 | 31 |
| 2.5 | 14.1 | 799.8 | 925.0 | 6.9 | 5.7 | 194.4 | 11.3 | 2.8 | 10.9 | 286.3 | 302.5 | 6.2 | 92.2 | 1.5 | 27 |
| 3.7 | 16.6 | 1024.5 | 900.0 | 5.0 | 3.8 | 181.3 | 10.6 | 0.2 | 10.6 | 286.6 | 301.3 | 5.6 | 91.9 | 2.2 | 21 |
| 5.4 | 19.0 | 1254.3 | 875.0 | 4.2 | 2.8 | 171.3 | 9.0 | -1.4 | 8.9 | 288.1 | 302.4 | 5.4 | 90.8 | 3.2 | 12 |
| 6.4 | 21.8 | 1490.9 | 850.0 | 5.7 | 4.3 | 208.0 | 4.1 | 1.9 | 7.6 | 292.1 | 308.6 | 6.2 | 90.9 | 3.6 | 10 |
| 7.5 | 24.1 | 1736.0 | 825.0 | 6.2 | 4.7 | 255.3 | 6.0 | 5.8 | 3.6 | 295.1 | 312.8 | 6.5 | 89.9 | 3.7 | 15 |
| 8.8 | 26.6 | 1988.2 | 800.0 | 5.7 | 99.9 | 242.4 | 7.3 | 6.4 | 1.5 | 295.2 | 312.8 | 6.5 | 89.9 | 4.0 | 20 |
| 10.4 | 29.2 | 2247.2 | 775.0 | 5.3 | 99.9 | 233.5 | 8.0 | 6.5 | 4.8 | 299.5 | 312.8 | 6.5 | 89.9 | 4.6 | 25 |
| 11.5 | 31.8 | 2514.1 | 750.0 | 3.9 | 99.9 | 238.8 | 7.8 | 6.5 | 3.9 | 300.8 | 312.8 | 6.5 | 89.9 | 5.1 | 28 |
| 12.5 | 34.4 | 2788.1 | 725.0 | 1.5 | 99.9 | 243.0 | 8.6 | 5.9 | 3.0 | 301.2 | 312.8 | 6.5 | 89.9 | 5.5 | 31 |
| 14.1 | 37.1 | 3069.4 | 700.0 | -0.3 | 99.9 | 257.1 | 8.1 | 8.0 | 1.7 | 302.2 | 312.8 | 6.5 | 89.9 | 5.9 | 34 |
| 16.2 | 39.8 | 3359.3 | 675.0 | -1.7 | 99.9 | 263.6 | 13.6 | 13.5 | 1.5 | 303.7 | 312.8 | 6.5 | 89.9 | 7.0 | 43 |
| 18.0 | 42.6 | 3658.3 | 650.0 | -3.7 | 99.9 | 269.8 | 14.7 | 14.5 | 2.6 | 304.8 | 312.8 | 6.5 | 89.9 | 8.3 | 51 |
| 19.7 | 45.3 | 3967.1 | 625.0 | -5.0 | 99.9 | 272.6 | 11.2 | 9.9 | 5.2 | 306.7 | 312.8 | 6.5 | 89.9 | 9.5 | 54 |
| 21.3 | 48.1 | 4266.7 | 600.0 | -6.5 | 99.9 | 275.8 | 8.3 | 6.0 | 5.8 | 308.5 | 312.8 | 6.5 | 89.9 | 10.4 | 54 |
| 23.0 | 51.0 | 4617.9 | 575.0 | -8.5 | 99.9 | 279.5 | 8.2 | 5.2 | 6.4 | 310.1 | 312.8 | 6.5 | 89.9 | 11.2 | 53 |
| 24.7 | 53.9 | 4961.3 | 550.0 | -10.4 | 99.9 | 279.5 | 10.1 | 6.4 | 7.8 | 311.7 | 312.8 | 6.5 | 89.9 | 12.1 | 52 |
| 26.4 | 56.9 | 5318.1 | 525.0 | -12.4 | 99.9 | 279.5 | 12.8 | 7.7 | 10.1 | 313.5 | 312.8 | 6.5 | 89.9 | 13.2 | 51 |
| 28.1 | 60.0 | 5688.7 | 500.0 | -15.0 | 99.9 | 279.5 | 14.0 | 8.1 | 11.4 | 314.7 | 312.8 | 6.5 | 89.9 | 14.5 | 49 |
| 29.8 | 63.1 | 6074.8 | 475.0 | -17.6 | 99.9 | 279.5 | 15.7 | 8.4 | 13.2 | 316.2 | 312.8 | 6.5 | 89.9 | 16.0 | 48 |
| 31.5 | 66.4 | 6477.3 | 450.0 | -20.6 | 99.9 | 279.5 | 17.0 | 9.5 | 14.1 | 317.4 | 312.8 | 6.5 | 89.9 | 17.6 | 45 |
| 33.1 | 69.6 | 6897.8 | 425.0 | -23.8 | 99.9 | 279.5 | 18.2 | 11.7 | 14.9 | 318.5 | 312.8 | 6.5 | 89.9 | 19.3 | 45 |
| 35.1 | 73.1 | 7337.1 | 400.0 | -27.3 | 99.9 | 279.5 | 21.0 | 14.9 | 17.7 | 319.5 | 312.8 | 6.5 | 89.9 | 21.5 | 45 |
| 37.0 | 76.6 | 7798.3 | 375.0 | -31.1 | 99.9 | 279.5 | 25.0 | 17.7 | 19.7 | 320.4 | 312.8 | 6.5 | 89.9 | 24.2 | 45 |
| 38.9 | 80.2 | 8283.2 | 350.0 | -35.2 | 99.9 | 279.5 | 25.5 | 16.2 | 19.7 | 322.6 | 312.8 | 6.5 | 89.9 | 27.1 | 45 |
| 41.1 | 84.0 | 8795.2 | 325.0 | -39.2 | 99.9 | 279.5 | 25.1 | 13.6 | 21.1 | 322.6 | 312.8 | 6.5 | 89.9 | 30.3 | 44 |
| 43.3 | 88.0 | 9337.9 | 300.0 | -43.7 | 99.9 | 279.5 | 32.6 | 18.5 | 26.8 | 323.8 | 312.8 | 6.5 | 89.9 | 34.0 | 43 |
| 45.5 | 92.0 | 9915.9 | 275.0 | -49.2 | 99.9 | 279.5 | 35.9 | 21.1 | 29.1 | 324.0 | 312.8 | 6.5 | 89.9 | 38.6 | 42 |
| 48.2 | 96.5 | 10532.5 | 250.0 | -55.1 | 99.9 | 279.5 | 42.0 | 25.0 | 33.8 | 324.2 | 312.8 | 6.5 | 89.9 | 44.8 | 41 |
| 50.6 | 101.0 | 11199.6 | 225.0 | -57.9 | 99.9 | 279.5 | 43.7 | 32.8 | 38.9 | 328.8 | 312.8 | 6.5 | 89.9 | 50.9 | 41 |
| 53.8 | 106.0 | 11945.2 | 200.0 | -56.6 | 99.9 | 279.5 | 38.8 | 35.7 | 43.2 | 328.8 | 312.8 | 6.5 | 89.9 | 58.2 | 43 |
| 57.6 | 111.4 | 12795.9 | 175.0 | -56.8 | 99.9 | 279.5 | 33.3 | 31.7 | 43.2 | 328.8 | 312.8 | 6.5 | 89.9 | 65.9 | 47 |
| 61.5 | 117.2 | 13771.3 | 150.0 | -57.2 | 99.9 | 279.5 | 22.0 | 20.6 | 43.2 | 328.8 | 312.8 | 6.5 | 89.9 | 71.6 | 48 |
| 66.4 | 123.7 | 14919.4 | 125.0 | -59.7 | 99.9 | 279.5 | 22.0 | 24.7 | 43.2 | 328.8 | 312.8 | 6.5 | 89.9 | 77.5 | 50 |
| 71.8 | 131.0 | 16303.6 | 100.0 | -61.5 | 99.9 | 279.5 | 21.9 | 21.9 | 43.2 | 328.8 | 312.8 | 6.5 | 89.9 | 86.0 | 53 |
| 78.9 | 139.7 | 18068.8 | 75.0 | -63.0 | 99.9 | 279.5 | 7.5 | 7.3 | 43.2 | 328.8 | 312.8 | 6.5 | 89.9 | 90.3 | 55 |
| 89.0 | 150.0 | 20580.9 | 50.0 | -61.3 | 99.9 | 279.5 | 3.8 | 0.1 | 43.2 | 328.8 | 312.8 | 6.5 | 89.9 | 91.6 | 55 |
| 103.9 | 161.0 | 24939.6 | 25.0 | -55.1 | 99.9 | 279.5 | 0.9 | -0.7 | 43.2 | 328.8 | 312.8 | 6.5 | 89.9 | 99.2 | 55 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 ** BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 *** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
 **** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 5
DENTON, TEXAS
24 APRIL 1982
1410 GMT

155 17. 0

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTU GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 7.1 | 193.2 | 985.3 | 13.1 | 10.6 | 180.0 | 2.5 | 0.0 | 2.5 | 285.6 | 307.5 | 8.1 | 85.2 | 0.0 | 0 |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.8 | 9.0 | 365.9 | 975.0 | 10.4 | 8.5 | 99.9 | 99.9 | 99.9 | 99.9 | 286.7 | 304.1 | 7.2 | 87.7 | 938.9 | 99.9 |
| 1.6 | 11.3 | 581.6 | 950.0 | 8.9 | 5.8 | 99.9 | 99.9 | 99.9 | 99.9 | 286.3 | 302.2 | 6.1 | 80.7 | 998.9 | 99.9 |
| 2.4 | 13.6 | 802.1 | 925.0 | 7.1 | 4.8 | 185.3 | 9.9 | 0.9 | 9.9 | 286.6 | 301.8 | 5.8 | 85.1 | 1.1 | 12 |
| 3.3 | 16.0 | 1037.1 | 900.0 | 6.1 | 3.7 | 179.7 | 8.3 | -0.1 | 8.3 | 287.8 | 302.5 | 5.6 | 84.2 | 1.6 | 7 |
| 4.2 | 18.4 | 1258.9 | 875.0 | 7.1 | 6.3 | 216.1 | 6.5 | 3.9 | 5.2 | 291.2 | 309.4 | 6.9 | 94.3 | 2.0 | 8 |
| 5.2 | 20.8 | 1498.6 | 850.0 | 8.3 | 7.1 | 220.4 | 4.8 | 3.1 | 3.7 | 294.8 | 314.9 | 7.5 | 92.3 | 2.2 | 15 |
| 6.2 | 23.2 | 1745.4 | 825.0 | 7.1 | 6.2 | 198.0 | 3.8 | 1.2 | 3.6 | 295.1 | 315.6 | 7.2 | 94.1 | 2.4 | 15 |
| 7.1 | 25.7 | 1988.6 | 800.0 | 6.0 | 4.5 | 250.5 | 4.2 | 3.9 | 1.4 | 297.5 | 315.7 | 6.5 | 90.3 | 2.6 | 16 |
| 8.1 | 28.2 | 2258.5 | 775.0 | 4.7 | 3.9 | 257.8 | 7.5 | 7.3 | 1.6 | 298.9 | 316.8 | 6.0 | 94.4 | 3.1 | 23 |
| 9.1 | 30.7 | 2525.9 | 750.0 | 3.6 | 2.2 | 246.9 | 8.0 | 7.4 | 3.1 | 300.5 | 317.2 | 5.5 | 90.6 | 3.1 | 30 |
| 10.0 | 33.3 | 2800.8 | 725.0 | 1.7 | 0.3 | 251.1 | 7.6 | 7.2 | 2.4 | 301.3 | 318.1 | 5.2 | 90.5 | 3.5 | 34 |
| 11.1 | 35.9 | 3083.6 | 700.0 | 0.8 | -0.7 | 262.6 | 7.7 | 7.6 | 1.0 | 303.4 | 318.1 | 5.2 | 89.5 | 3.8 | 39 |
| 12.1 | 38.6 | 3375.4 | 675.0 | -1.1 | -3.4 | 267.9 | 8.3 | 8.3 | 0.3 | 304.4 | 317.1 | 4.4 | 84.8 | 4.2 | 44 |
| 13.2 | 41.2 | 3675.7 | 650.0 | -2.8 | -7.8 | 270.3 | 9.0 | 9.0 | -0.1 | 305.8 | 315.4 | 3.3 | 68.2 | 4.6 | 49 |
| 14.3 | 43.9 | 3985.4 | 625.0 | -4.7 | -17.1 | 276.3 | 10.1 | 10.0 | -0.1 | 307.1 | 312.2 | 1.7 | 31.1 | 5.1 | 54 |
| 15.5 | 46.7 | 4306.3 | 600.0 | -6.1 | -20.4 | 273.5 | 11.2 | 11.2 | -0.7 | 309.1 | 312.2 | 1.3 | 31.1 | 5.7 | 60 |
| 16.8 | 49.6 | 4637.7 | 575.0 | -9.1 | -20.0 | 263.2 | 11.4 | 11.3 | 1.3 | 308.3 | 313.6 | 1.4 | 40.6 | 6.5 | 63 |
| 18.1 | 52.4 | 4979.9 | 550.0 | -12.0 | -17.8 | 259.7 | 13.2 | 12.9 | 2.4 | 309.9 | 315.2 | 1.7 | 61.8 | 7.3 | 67 |
| 19.4 | 55.3 | 5334.4 | 525.0 | -14.0 | -18.8 | 249.9 | 18.6 | 17.5 | 6.4 | 311.5 | 316.7 | 1.6 | 66.8 | 8.5 | 69 |
| 20.8 | 58.3 | 5704.1 | 500.0 | -15.6 | -20.3 | 237.8 | 24.1 | 20.4 | 12.9 | 314.0 | 318.8 | 1.5 | 67.2 | 10.3 | 66 |
| 22.2 | 61.4 | 6090.1 | 475.0 | -17.2 | -20.1 | 225.8 | 28.1 | 20.1 | 19.6 | 316.7 | 321.9 | 1.6 | 78.2 | 12.4 | 64 |
| 23.6 | 64.5 | 6494.1 | 450.0 | -19.6 | -24.9 | 219.7 | 30.6 | 19.5 | 23.5 | 318.7 | 322.4 | 1.1 | 62.4 | 14.8 | 60 |
| 25.2 | 67.8 | 6916.5 | 425.0 | -22.2 | -39.0 | 217.4 | 31.9 | 19.3 | 25.3 | 320.5 | 321.8 | 0.4 | 23.8 | 17.5 | 57 |
| 26.8 | 71.1 | 7358.8 | 400.0 | -26.2 | -48.2 | 215.4 | 30.6 | 17.7 | 25.0 | 321.9 | 321.4 | 0.1 | 11.1 | 20.4 | 54 |
| 28.4 | 74.6 | 7822.1 | 375.0 | -30.1 | -49.3 | 211.7 | 28.0 | 14.7 | 23.8 | 321.7 | 322.1 | 0.0 | 13.4 | 23.1 | 51 |
| 30.1 | 78.1 | 8309.4 | 350.0 | -33.7 | -59.4 | 210.5 | 29.0 | 14.7 | 26.0 | 323.4 | 323.5 | 0.0 | 5.6 | 25.7 | 49 |
| 31.7 | 81.9 | 8823.8 | 325.0 | -38.5 | -62.8 | 210.9 | 29.0 | 15.8 | 26.5 | 323.7 | 323.8 | 0.0 | 5.6 | 28.6 | 47 |
| 33.5 | 85.8 | 9368.6 | 300.0 | -43.4 | -69.9 | 211.3 | 30.0 | 15.6 | 25.7 | 324.2 | 323.8 | 99.9 | 99.9 | 31.8 | 45 |
| 35.3 | 89.9 | 9947.4 | 275.0 | -48.6 | -99.9 | 213.4 | 31.7 | 17.5 | 26.5 | 324.8 | 323.8 | 99.9 | 99.9 | 35.0 | 44 |
| 37.3 | 94.2 | 10566.6 | 250.0 | -54.1 | -99.9 | 214.9 | 34.7 | 19.9 | 28.4 | 325.7 | 323.8 | 99.9 | 99.9 | 39.0 | 43 |
| 39.5 | 98.8 | 11236.3 | 225.0 | -57.6 | -99.9 | 221.0 | 31.0 | 20.3 | 23.4 | 330.3 | 323.8 | 99.9 | 99.9 | 43.3 | 42 |
| 42.0 | 103.8 | 11982.2 | 200.0 | -56.1 | -99.9 | 238.5 | 30.2 | 25.8 | 15.8 | 343.9 | 323.8 | 99.9 | 99.9 | 47.5 | 45 |
| 44.7 | 109.0 | 12830.6 | 175.0 | -55.5 | -99.9 | 246.8 | 32.3 | 29.7 | 12.7 | 358.3 | 323.8 | 99.9 | 99.9 | 52.6 | 48 |
| 47.7 | 114.7 | 13824.4 | 150.0 | -51.9 | -99.9 | 248.4 | 26.6 | 26.6 | 10.5 | 380.7 | 323.8 | 99.9 | 99.9 | 57.6 | 49 |
| 51.1 | 121.2 | 14991.1 | 125.0 | -57.1 | -99.9 | 250.1 | 21.7 | 18.6 | 11.1 | 391.6 | 323.8 | 99.9 | 99.9 | 62.6 | 48 |
| 55.4 | 128.7 | 16382.8 | 100.0 | -62.3 | -99.9 | 260.2 | 16.1 | 15.9 | 2.8 | 407.4 | 323.8 | 99.9 | 99.9 | 67.0 | 50 |
| 60.6 | 137.0 | 18162.2 | 75.0 | -62.1 | -99.9 | 260.9 | 8.5 | 7.4 | 4.1 | 442.8 | 323.8 | 99.9 | 99.9 | 70.2 | 51 |
| 67.8 | 147.0 | 20663.9 | 50.0 | -61.2 | -99.9 | 172.9 | 4.0 | -0.5 | 4.0 | 499.4 | 323.8 | 99.9 | 99.9 | 71.6 | 51 |
| 79.8 | 158.0 | 25064.1 | 25.0 | -52.0 | -99.9 | 206.5 | 4.8 | -2.1 | 4.3 | 635.2 | 323.8 | 99.9 | 99.9 | 69.0 | 51 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
 ** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 5
DENTON, TEXAS
24 APRIL 1982
1704 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTG GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 7.1 | 193.2 | 984.9 | 12.0 | 9.4 | 180.0 | 5.0 | 0.0 | 5.0 | 285.6 | 304.7 | 7.5 | 84.0 | 0.0 | 0.0 |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.7 | 8.9 | 362.2 | 975.0 | 10.3 | 8.1 | 999.9 | 99.9 | 99.9 | 99.9 | 285.5 | 303.5 | 7.0 | 96.3 | 999.9 | 999.9 |
| 1.5 | 11.3 | 578.1 | 950.0 | 8.3 | 7.8 | 999.9 | 99.9 | 99.9 | 99.9 | 285.7 | 303.7 | 7.0 | 96.3 | 999.9 | 999.9 |
| 2.3 | 13.7 | 798.1 | 925.0 | 6.4 | 5.8 | 175.2 | 12.2 | -1.0 | 12.2 | 285.8 | 302.1 | 6.3 | 96.0 | 1.0 | 347.7 |
| 3.1 | 16.1 | 1022.9 | 900.0 | 5.5 | 5.0 | 180.2 | 11.6 | 2.6 | 11.4 | 287.2 | 303.1 | 6.1 | 96.2 | 1.6 | 352.1 |
| 4.1 | 18.5 | 1254.0 | 875.0 | 5.1 | 5.5 | 212.1 | 10.6 | 5.6 | 8.9 | 290.1 | 307.3 | 6.5 | 96.3 | 2.2 | 352.1 |
| 5.0 | 21.0 | 1492.7 | 850.0 | 7.8 | 7.3 | 212.4 | 9.8 | 5.3 | 8.3 | 294.3 | 314.6 | 7.1 | 96.4 | 2.6 | 352.1 |
| 5.9 | 23.6 | 1739.0 | 825.0 | 6.4 | 5.9 | 201.3 | 10.2 | 5.3 | 8.3 | 295.4 | 314.5 | 7.1 | 96.4 | 2.6 | 352.1 |
| 6.6 | 26.1 | 1991.7 | 800.0 | 5.8 | 5.3 | 206.9 | 7.4 | 3.3 | 6.8 | 297.4 | 316.2 | 6.5 | 96.3 | 3.6 | 12.0 |
| 7.8 | 28.7 | 2251.5 | 775.0 | 4.3 | 3.7 | 218.4 | 7.4 | 4.6 | 5.8 | 298.4 | 316.2 | 6.5 | 96.3 | 3.6 | 12.0 |
| 8.8 | 31.2 | 2518.5 | 750.0 | 3.2 | 2.6 | 217.0 | 8.2 | 4.9 | 6.5 | 300.1 | 317.2 | 6.2 | 96.8 | 4.4 | 14.0 |
| 9.8 | 33.9 | 2793.1 | 725.0 | 1.7 | 1.0 | 220.2 | 8.5 | 5.5 | 6.5 | 301.4 | 317.3 | 5.7 | 95.8 | 4.4 | 17.0 |
| 10.7 | 36.6 | 3075.1 | 700.0 | 1.3 | -7.4 | 230.6 | 8.5 | 5.5 | 5.4 | 301.1 | 310.2 | 3.2 | 83.3 | 5.3 | 21.0 |
| 11.9 | 39.2 | 3385.4 | 675.0 | -1.1 | -7.8 | 240.5 | 8.5 | 7.5 | 4.2 | 304.4 | 313.7 | 3.2 | 60.4 | 5.8 | 25.0 |
| 12.9 | 41.9 | 3698.0 | 650.0 | -2.6 | -15.3 | 254.1 | 8.7 | 6.5 | 1.8 | 306.1 | 311.6 | 1.8 | 36.8 | 6.2 | 27.0 |
| 14.2 | 44.7 | 3978.1 | 625.0 | -4.6 | -17.6 | 267.1 | 9.3 | 6.2 | 0.5 | 307.9 | 312.5 | 1.5 | 35.3 | 6.4 | 31.0 |
| 15.4 | 47.5 | 4298.0 | 600.0 | -7.1 | -18.5 | 250.4 | 12.6 | 9.3 | 0.5 | 309.0 | 315.1 | 2.0 | 48.9 | 6.7 | 35.0 |
| 16.1 | 50.3 | 4628.6 | 575.0 | -9.4 | -18.5 | 238.3 | 14.3 | 11.8 | 8.8 | 310.1 | 315.1 | 1.6 | 60.7 | 7.4 | 40.0 |
| 18.1 | 53.3 | 4968.9 | 550.0 | -11.8 | -20.5 | 235.2 | 17.8 | 17.8 | 12.4 | 311.7 | 316.2 | 1.4 | 57.2 | 8.5 | 43.0 |
| 19.4 | 56.3 | 5323.9 | 525.0 | -13.9 | -22.9 | 230.8 | 20.5 | 20.5 | 16.7 | 312.6 | 317.1 | 1.2 | 57.5 | 10.0 | 45.0 |
| 20.8 | 59.3 | 5692.9 | 500.0 | -16.6 | -32.5 | 219.5 | 26.5 | 18.1 | 22.0 | 315.2 | 317.1 | 0.5 | 58.1 | 12.0 | 46.0 |
| 22.2 | 62.4 | 6077.1 | 475.0 | -18.4 | -39.1 | 217.1 | 27.2 | 18.4 | 21.7 | 315.2 | 317.1 | 0.5 | 58.1 | 12.0 | 46.0 |
| 23.5 | 65.6 | 6479.2 | 450.0 | -20.5 | -41.6 | 222.7 | 27.2 | 18.4 | 21.7 | 315.2 | 317.1 | 0.5 | 58.1 | 12.0 | 46.0 |
| 25.2 | 68.9 | 6899.6 | 425.0 | -23.7 | -44.8 | 223.7 | 25.6 | 17.5 | 18.9 | 318.6 | 319.5 | 0.2 | 16.9 | 16.7 | 45.0 |
| 26.9 | 72.3 | 7399.8 | 400.0 | -27.9 | -47.6 | 221.9 | 25.6 | 17.5 | 18.9 | 318.6 | 319.5 | 0.2 | 16.9 | 16.7 | 45.0 |
| 28.7 | 75.7 | 7999.8 | 375.0 | -31.2 | -51.0 | 219.9 | 27.4 | 18.3 | 20.4 | 320.3 | 320.8 | 0.1 | 17.9 | 21.8 | 44.0 |
| 30.6 | 79.4 | 8284.4 | 350.0 | -35.3 | -53.6 | 221.6 | 25.9 | 16.6 | 19.9 | 321.2 | 321.6 | 0.1 | 18.1 | 24.6 | 44.0 |
| 32.4 | 83.0 | 8797.8 | 325.0 | -38.3 | -53.6 | 223.6 | 24.8 | 16.5 | 18.6 | 323.9 | 324.2 | 0.1 | 17.9 | 27.7 | 43.0 |
| 34.3 | 86.9 | 9343.9 | 300.0 | -42.1 | -59.9 | 225.5 | 22.7 | 16.1 | 15.4 | 325.0 | 325.0 | 0.1 | 99.9 | 30.4 | 43.0 |
| 36.4 | 91.0 | 9928.1 | 275.0 | -46.8 | -59.9 | 225.5 | 22.5 | 16.1 | 15.4 | 325.0 | 325.0 | 0.1 | 99.9 | 33.2 | 43.0 |
| 38.6 | 95.3 | 10550.7 | 250.0 | -51.7 | -59.9 | 231.3 | 21.5 | 16.8 | 13.5 | 327.5 | 327.5 | 0.1 | 99.9 | 35.9 | 43.0 |
| 41.1 | 100.0 | 11227.4 | 225.0 | -55.2 | -59.9 | 242.2 | 24.0 | 21.2 | 11.2 | 329.3 | 329.3 | 0.1 | 99.9 | 38.9 | 44.0 |
| 43.6 | 104.8 | 11833.0 | 200.0 | -58.2 | -59.9 | 238.4 | 27.8 | 23.7 | 14.6 | 334.6 | 334.6 | 0.1 | 99.9 | 42.0 | 45.0 |
| 46.4 | 110.2 | 12336.9 | 175.0 | -56.1 | -59.9 | 239.6 | 30.1 | 25.9 | 15.2 | 357.4 | 357.4 | 0.1 | 99.9 | 45.9 | 46.0 |
| 49.7 | 116.0 | 13822.7 | 150.0 | -53.1 | -59.9 | 246.6 | 24.5 | 22.5 | 9.7 | 378.6 | 378.6 | 0.1 | 99.9 | 50.9 | 47.0 |
| 53.2 | 122.3 | 14989.0 | 125.0 | -57.0 | -59.9 | 248.2 | 24.8 | 22.8 | 9.8 | 391.8 | 391.8 | 0.1 | 99.9 | 56.1 | 49.0 |
| 57.3 | 129.7 | 16391.1 | 100.0 | -60.3 | -59.9 | 248.2 | 17.3 | 16.1 | 6.5 | 411.2 | 411.2 | 0.1 | 99.9 | 60.8 | 50.0 |
| 62.3 | 138.0 | 18171.0 | 75.0 | -60.4 | -59.9 | 252.7 | 9.6 | 9.1 | 2.8 | 442.0 | 442.0 | 0.1 | 99.9 | 66.7 | 52.0 |
| 69.2 | 148.0 | 20681.1 | 50.0 | -60.4 | -59.9 | 172.3 | 3.6 | -0.5 | 3.7 | 501.1 | 501.1 | 0.1 | 99.9 | 70.1 | 53.0 |
| 80.5 | 159.0 | 25089.8 | 25.0 | -50.9 | -59.9 | 197.0 | 3.1 | -0.5 | 3.0 | 638.2 | 638.2 | 0.1 | 99.9 | 70.0 | 52.0 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 ** BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 *** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
 **** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 5
DENTON, TEXAS
24 APRIL 1982
2305 GMT

159 11 0

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT I DG K | E POT I DG K | MX RTO GM/NG | RH PCT | RANGE NM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 7.8 | 193.2 | 989.5 | 13.2 | 11.1 | 150.0 | 2.0 | -0.7 | 1.9 | 287.2 | 308.9 | 8.4 | 87.0 | 0 | 0 |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 287.2 | 308.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 0.6 | 9.3 | 317.5 | 975.0 | 12.0 | 11.1 | 999.9 | 99.9 | 99.9 | 99.9 | 287.3 | 309.2 | 8.6 | 94.1 | 999.9 | 999.9 |
| 1.6 | 11.6 | 534.8 | 950.0 | 10.0 | 9.5 | 999.9 | 99.9 | 99.9 | 99.9 | 287.3 | 307.7 | 7.9 | 97.0 | 999.9 | 999.9 |
| 2.5 | 13.9 | 756.5 | 925.0 | 8.9 | 8.5 | 999.9 | 99.9 | 99.9 | 99.9 | 288.4 | 308.0 | 7.6 | 97.4 | 999.9 | 999.9 |
| 3.2 | 15.4 | 983.8 | 900.0 | 8.6 | 8.2 | 999.9 | 99.9 | 99.9 | 99.9 | 290.4 | 310.4 | 7.6 | 97.3 | 999.9 | 999.9 |
| 4.1 | 18.7 | 1217.8 | 875.0 | 9.4 | 8.9 | 999.9 | 99.9 | 99.9 | 99.9 | 293.6 | 315.4 | 8.3 | 96.8 | 999.9 | 999.9 |
| 4.9 | 21.2 | 1458.3 | 850.0 | 8.2 | 7.8 | 999.9 | 99.9 | 99.9 | 99.9 | 294.8 | 315.7 | 7.9 | 96.3 | 999.9 | 999.9 |
| 5.7 | 23.6 | 1705.3 | 825.0 | 7.7 | 7.1 | 999.9 | 99.9 | 99.9 | 99.9 | 296.8 | 317.5 | 7.7 | 95.9 | 999.9 | 999.9 |
| 6.6 | 26.1 | 1958.6 | 800.0 | 6.3 | 5.8 | 999.9 | 99.9 | 99.9 | 99.9 | 297.8 | 316.7 | 7.3 | 95.9 | 999.9 | 999.9 |
| 7.6 | 28.6 | 2218.9 | 775.0 | 4.6 | 3.8 | 999.9 | 99.9 | 99.9 | 99.9 | 298.8 | 315.6 | 6.5 | 94.5 | 999.9 | 999.9 |
| 8.5 | 31.1 | 2486.1 | 750.0 | 4.3 | -0.6 | 223.3 | 12.0 | 8.2 | 8.7 | 301.2 | 315.0 | 4.9 | 70.7 | 5.8 | 12 |
| 9.6 | 33.7 | 2762.2 | 725.0 | 3.2 | -3.8 | 230.1 | 13.1 | 10.0 | 8.4 | 303.0 | 314.5 | 4.0 | 60.0 | 5.8 | 17 |
| 10.5 | 36.3 | 3046.1 | 700.0 | 1.6 | -3.2 | 233.2 | 13.5 | 10.8 | 8.1 | 304.3 | 315.7 | 4.3 | 70.2 | 7.0 | 20 |
| 11.6 | 39.0 | 3338.2 | 675.0 | -1.0 | -5.1 | 237.3 | 13.9 | 11.7 | 7.5 | 304.5 | 316.8 | 3.9 | 73.7 | 7.7 | 24 |
| 12.6 | 41.7 | 3638.3 | 650.0 | -3.6 | -11.5 | 240.1 | 15.5 | 13.5 | 7.7 | 304.8 | 312.2 | 2.5 | 54.5 | 8.4 | 27 |
| 13.7 | 44.4 | 3947.0 | 625.0 | -5.9 | -13.8 | 244.2 | 17.7 | 15.9 | 7.7 | 305.8 | 312.1 | 2.1 | 53.1 | 9.3 | 31 |
| 14.8 | 47.1 | 4266.1 | 600.0 | -7.4 | -16.7 | 245.0 | 19.2 | 17.4 | 8.1 | 307.6 | 313.0 | 1.7 | 47.6 | 10.4 | 35 |
| 15.0 | 50.0 | 4596.3 | 575.0 | -9.6 | -24.2 | 245.8 | 20.1 | 18.4 | 8.3 | 308.7 | 311.7 | 0.9 | 29.3 | 11.6 | 38 |
| 17.3 | 52.9 | 4938.3 | 550.0 | -11.6 | -26.1 | 253.0 | 20.6 | 19.7 | 6.0 | 310.3 | 313.0 | 0.8 | 28.6 | 13.1 | 42 |
| 18.6 | 55.9 | 5292.8 | 525.0 | -14.6 | -28.5 | 254.7 | 21.4 | 20.7 | 5.7 | 310.8 | 313.1 | 0.7 | 29.4 | 14.5 | 46 |
| 19.9 | 58.9 | 5660.2 | 500.0 | -17.8 | -31.3 | 251.0 | 22.1 | 20.9 | 7.1 | 311.4 | 313.2 | 0.6 | 29.4 | 16.0 | 48 |
| 21.3 | 61.9 | 6041.5 | 475.0 | -21.0 | -34.1 | 248.8 | 22.9 | 21.3 | 8.4 | 312.0 | 313.5 | 0.4 | 29.4 | 17.7 | 51 |
| 22.6 | 65.1 | 6438.0 | 450.0 | -24.3 | -37.3 | 246.0 | 23.0 | 21.0 | 9.4 | 312.7 | 313.9 | 0.3 | 28.5 | 19.5 | 52 |
| 24.0 | 68.3 | 6853.2 | 425.0 | -26.4 | -39.3 | 243.9 | 25.4 | 22.8 | 11.7 | 315.2 | 318.3 | 0.3 | 28.1 | 21.4 | 54 |
| 25.5 | 71.6 | 7289.3 | 400.0 | -28.9 | -41.5 | 246.0 | 28.9 | 26.4 | 11.7 | 317.4 | 318.3 | 0.2 | 28.1 | 23.8 | 54 |
| 27.1 | 75.1 | 7747.7 | 375.0 | -32.5 | -44.5 | 246.7 | 29.1 | 26.8 | 11.5 | 318.6 | 319.3 | 0.2 | 28.7 | 26.6 | 56 |
| 28.9 | 78.7 | 8231.3 | 350.0 | -35.8 | -47.5 | 247.1 | 31.6 | 29.1 | 12.3 | 320.5 | 321.1 | 0.1 | 28.4 | 29.6 | 57 |
| 30.6 | 82.4 | 8743.3 | 325.0 | -39.0 | -50.2 | 245.3 | 32.1 | 29.2 | 13.4 | 323.0 | 323.4 | 0.1 | 28.8 | 33.1 | 58 |
| 32.6 | 86.3 | 9287.4 | 300.0 | -43.1 | 99.9 | 245.0 | 32.0 | 29.0 | 13.5 | 324.6 | 999.9 | 99.9 | 999.9 | 35.8 | 59 |
| 34.6 | 90.5 | 9868.3 | 275.0 | -47.1 | 99.9 | 248.9 | 32.7 | 30.5 | 11.8 | 327.0 | 999.9 | 99.9 | 999.9 | 40.6 | 60 |
| 36.6 | 94.8 | 10494.9 | 250.0 | -49.9 | 99.9 | 246.7 | 32.7 | 30.0 | 12.9 | 332.0 | 999.9 | 99.9 | 999.9 | 44.6 | 61 |
| 39.0 | 99.4 | 11178.1 | 225.0 | -53.2 | 99.9 | 245.8 | 32.5 | 29.6 | 13.2 | 337.0 | 999.9 | 99.9 | 999.9 | 49.0 | 61 |
| 41.5 | 104.4 | 11932.4 | 200.0 | -55.4 | 99.9 | 246.4 | 33.0 | 30.3 | 13.2 | 345.0 | 999.9 | 99.9 | 999.9 | 53.6 | 62 |
| 44.4 | 109.6 | 12786.3 | 175.0 | -53.3 | 99.9 | 245.0 | 31.8 | 28.1 | 13.0 | 351.9 | 999.9 | 99.9 | 999.9 | 58.0 | 62 |
| 47.8 | 115.5 | 13778.9 | 150.0 | -53.7 | 99.9 | 247.3 | 28.9 | 26.7 | 11.1 | 377.5 | 999.9 | 99.9 | 999.9 | 66.0 | 63 |
| 51.8 | 122.0 | 14939.6 | 125.0 | -57.3 | 99.9 | 252.2 | 24.4 | 23.2 | 7.5 | 391.2 | 999.9 | 99.9 | 999.9 | 71.6 | 63 |
| 56.2 | 129.3 | 16340.2 | 100.0 | -60.9 | 99.9 | 249.2 | 20.9 | 19.6 | 7.4 | 410.0 | 999.9 | 99.9 | 999.9 | 78.2 | 64 |
| 62.2 | 138.3 | 18119.7 | 75.0 | -63.4 | 99.9 | 281.1 | 8.7 | 8.6 | -1.7 | 440.0 | 999.9 | 99.9 | 999.9 | 83.7 | 64 |
| 70.0 | 148.3 | 20628.0 | 50.0 | -58.8 | 99.9 | 203.1 | 3.4 | 1.3 | -3.1 | 505.1 | 999.9 | 99.9 | 999.9 | 83.9 | 64 |
| 82.0 | 159.3 | 25051.6 | 25.0 | -52.2 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 635.1 | 999.9 | 99.9 | 999.9 | 82.0 | 64 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
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ORIGINAL PAGE IS
OF POOR QUALITY

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT I DG K | E POT I DG K | MX RIO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0 0 | 7.8 | 193.2 | 988.8 | 12.8 | 11.0 | 120.0 | 5.0 | -4.3 | 2.5 | 286.9 | 308.4 | 8.4 | 89.0 | 0.0 | 0.0 |
| 0 9 | 99.9 | 311.2 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 95.9 | 999.9 | 999.9 |
| 1 3 | 11.4 | 528.3 | 975.0 | 11.4 | 10.6 | 144.9 | 8.8 | -5.1 | 7.2 | 286.6 | 307.8 | 8.3 | 95.0 | 0.2 | 318 |
| 2 1 | 13.8 | 749.8 | 925.0 | 9.9 | 9.2 | 155.8 | 9.5 | -3.9 | 8.7 | 287.3 | 307.3 | 7.7 | 95.4 | 0.6 | 325 |
| 3 0 | 16.3 | 976.6 | 900.0 | 8.7 | 8.0 | 166.2 | 10.8 | -2.6 | 10.5 | 288.2 | 307.3 | 7.3 | 95.2 | 1.1 | 333 |
| 3 9 | 18.8 | 1210.1 | 875.0 | 7.9 | 7.2 | 182.4 | 12.8 | 0.5 | 12.8 | 288.7 | 308.3 | 7.1 | 94.8 | 1.7 | 340 |
| 4 9 | 21.3 | 1450.5 | 850.0 | 8.5 | 8.0 | 191.0 | 15.6 | 3.0 | 15.3 | 289.9 | 312.3 | 7.7 | 94.9 | 2.5 | 350 |
| 5 8 | 23.7 | 1697.2 | 825.0 | 8.5 | 7.7 | 188.1 | 14.2 | 2.0 | 14.1 | 295.0 | 315.9 | 7.8 | 95.1 | 3.3 | 358 |
| 6 6 | 26.3 | 1950.0 | 800.0 | 6.9 | 6.1 | 181.3 | 14.7 | 0.3 | 14.0 | 295.9 | 315.5 | 7.8 | 95.1 | 4.0 | 354 |
| 7 6 | 28.9 | 2210.0 | 775.0 | 5.4 | 4.8 | 226.1 | 13.5 | 13.0 | 13.0 | 297.1 | 315.5 | 6.8 | 94.6 | 4.7 | 3 |
| 8 6 | 31.4 | 2478.2 | 725.0 | 4.6 | 2.4 | 229.6 | 13.1 | 10.7 | 9.8 | 299.6 | 315.9 | 5.9 | 81.2 | 5.3 | 9 |
| 9 7 | 34.0 | 2753.6 | 725.0 | 2.2 | -1.0 | 230.3 | 13.4 | 10.0 | 8.5 | 301.6 | 315.0 | 4.7 | 65.7 | 6.0 | 14 |
| 10 7 | 36.6 | 3038.1 | 700.0 | 0.2 | -2.3 | 234.1 | 14.6 | 11.8 | 8.6 | 301.9 | 314.5 | 4.5 | 72.0 | 6.7 | 18 |
| 11 8 | 39.2 | 3325.9 | 675.0 | -1.8 | -16.3 | 242.2 | 15.6 | 14.7 | 7.7 | 302.3 | 307.0 | 0.8 | 79.0 | 7.4 | 22 |
| 12 8 | 42.0 | 3624.7 | 650.0 | -3.7 | -23.8 | 245.7 | 17.2 | 15.7 | 7.1 | 303.6 | 306.3 | 0.7 | 81.7 | 8.3 | 26 |
| 13 9 | 44.7 | 3934.1 | 625.0 | -5.4 | -26.8 | 246.4 | 16.4 | 15.0 | 6.6 | 304.8 | 307.1 | 0.7 | 81.6 | 9.1 | 30 |
| 15 0 | 47.6 | 4252.7 | 600.0 | -8.1 | -28.9 | 251.4 | 15.8 | 15.0 | 5.0 | 306.3 | 308.5 | 0.6 | 81.6 | 10.0 | 34 |
| 16 2 | 50.4 | 4581.7 | 575.0 | -10.3 | -30.6 | 256.1 | 17.0 | 16.5 | 4.1 | 307.9 | 309.7 | 0.5 | 81.6 | 10.9 | 37 |
| 17 4 | 53.3 | 4922.5 | 550.0 | -13.0 | -32.8 | 255.9 | 18.1 | 17.6 | 4.4 | 308.7 | 310.2 | 0.4 | 81.6 | 11.9 | 40 |
| 18 6 | 56.4 | 5275.1 | 525.0 | -16.1 | -35.1 | 252.4 | 16.2 | 16.2 | 5.2 | 309.1 | 310.3 | 0.4 | 81.6 | 12.9 | 44 |
| 19 8 | 59.3 | 5640.3 | 500.0 | -19.1 | -37.3 | 252.8 | 15.8 | 16.1 | 5.0 | 309.8 | 310.8 | 0.3 | 81.6 | 14.1 | 48 |
| 21 1 | 62.4 | 6019.5 | 475.0 | -22.4 | -40.5 | 256.4 | 15.2 | 14.7 | 5.6 | 310.2 | 310.8 | 0.2 | 81.6 | 15.2 | 48 |
| 22 5 | 65.6 | 6413.9 | 450.0 | -25.9 | -43.4 | 257.4 | 15.9 | 15.5 | 3.5 | 310.7 | 311.0 | 0.2 | 81.6 | 16.3 | 50 |
| 23 9 | 68.9 | 6825.1 | 425.0 | -29.0 | -45.7 | 254.1 | 15.9 | 19.1 | 5.4 | 311.9 | 312.4 | 0.1 | 81.6 | 17.5 | 52 |
| 25 4 | 72.3 | 7256.7 | 400.0 | -34.1 | -48.0 | 251.1 | 25.0 | 23.6 | 8.1 | 314.1 | 314.5 | 0.1 | 81.6 | 18.8 | 54 |
| 26 6 | 75.8 | 7710.8 | 375.0 | -34.1 | -50.0 | 250.5 | 28.2 | 26.6 | 9.4 | 316.5 | 316.9 | 0.1 | 81.6 | 20.7 | 56 |
| 28 6 | 79.4 | 8191.5 | 350.0 | -36.7 | -52.3 | 252.1 | 29.6 | 28.1 | 9.1 | 318.5 | 318.6 | 0.1 | 81.6 | 23.1 | 57 |
| 30 3 | 83.2 | 8699.7 | 325.0 | -41.3 | -59.9 | 251.6 | 31.3 | 29.7 | 9.9 | 319.8 | 319.9 | 0.1 | 81.6 | 25.9 | 59 |
| 32 0 | 87.0 | 9239.1 | 300.0 | -44.5 | -66.6 | 253.5 | 32.5 | 31.2 | 9.2 | 322.8 | 322.8 | 0.1 | 81.6 | 28.9 | 61 |
| 34.1 | 91.2 | 9817.8 | 275.0 | -47.6 | -69.9 | 249.7 | 32.1 | 30.1 | 11.2 | 326.4 | 326.4 | 0.1 | 81.6 | 32.2 | 63 |
| 36.2 | 95.5 | 10442.5 | 250.0 | -51.3 | -77.7 | 243.4 | 33.3 | 29.8 | 14.9 | 329.8 | 329.8 | 0.1 | 81.6 | 36.0 | 63 |
| 38.5 | 100.0 | 11121.6 | 225.0 | -54.4 | -85.9 | 246.1 | 33.1 | 30.2 | 13.4 | 335.1 | 335.1 | 0.1 | 81.6 | 40.2 | 63 |
| 41.1 | 105.0 | 11873.9 | 200.0 | -57.7 | -99.9 | 243.7 | 32.4 | 29.0 | 14.4 | 344.5 | 344.5 | 0.1 | 81.6 | 44.8 | 63 |
| 44.1 | 110.3 | 12723.9 | 175.0 | -56.4 | -99.9 | 242.4 | 31.4 | 27.8 | 14.5 | 356.8 | 356.8 | 0.1 | 81.6 | 50.1 | 63 |
| 47.5 | 116.0 | 13704.7 | 150.0 | -57.4 | -99.9 | 249.1 | 24.8 | 23.1 | 8.9 | 371.1 | 371.1 | 0.1 | 81.6 | 55.6 | 63 |
| 52.0 | 122.7 | 14864.9 | 125.0 | -56.3 | -99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 393.1 | 393.1 | 0.1 | 81.6 | 61.8 | 63 |
| 56.9 | 130.0 | 16260.6 | 100.0 | -61.6 | -99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 408.8 | 408.8 | 0.1 | 81.6 | 69.9 | 999 |
| 62.9 | 138.7 | 18029.6 | 75.0 | -65.1 | -99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 436.4 | 436.4 | 0.1 | 81.6 | 99.9 | 999 |
| 70.9 | 148.3 | 20518.7 | 50.0 | -61.6 | -99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 498.4 | 498.4 | 0.1 | 81.6 | 99.9 | 999 |
| 83.8 | 159.0 | 24873.4 | 25.0 | -54.7 | -99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 627.3 | 627.3 | 0.1 | 81.6 | 99.9 | 999 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
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ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 5
DENTON, TEXAS

25 APRIL 1982
501 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | KIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RIO CM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 8.0 | 193.2 | 988.0 | 12.0 | 11.8 | 160.0 | 7.6 | -2.6 | 7.1 | 286.1 | 308.8 | 8.9 | 99.0 | 0.0 | 0 |
| 99.9 | 99.9 | 193.2 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999 |
| 0.5 | 9.2 | 304.4 | 975.0 | 11.8 | 11.2 | 999.9 | 99.9 | 99.9 | 99.9 | 287.1 | 309.0 | 8.6 | 96.1 | 999.9 | 999 |
| 1.4 | 11.7 | 521.9 | 950.0 | 10.6 | 10.3 | 999.9 | 99.9 | 99.9 | 99.9 | 288.0 | 309.2 | 8.1 | 95.9 | 999.9 | 999 |
| 2.3 | 14.1 | 744.3 | 925.0 | 9.7 | 9.2 | 999.9 | 99.9 | 99.9 | 99.9 | 289.4 | 310.1 | 8.0 | 95.7 | 999.9 | 999 |
| 3.2 | 16.6 | 972.6 | 900.0 | 9.9 | 9.0 | 197.8 | 16.9 | 5.2 | 16.1 | 291.5 | 312.7 | 8.1 | 95.4 | 2.4 | 349 |
| 4.2 | 19.1 | 1206.8 | 875.0 | 8.9 | 7.9 | 203.7 | 15.0 | 6.0 | 13.8 | 293.0 | 313.4 | 7.7 | 93.8 | 3.3 | 358 |
| 5.2 | 21.6 | 1447.0 | 850.0 | 9.3 | 1.2 | 236.9 | 11.5 | 9.6 | 13.3 | 295.9 | 313.6 | 5.0 | 93.8 | 3.3 | 358 |
| 6.4 | 24.2 | 1695.9 | 825.0 | 9.3 | -3.3 | 244.6 | 13.7 | 12.4 | 13.3 | 300.7 | 311.1 | 3.6 | 35.5 | 4.3 | 14 |
| 7.3 | 26.7 | 1952.2 | 800.0 | 9.6 | -4.3 | 242.8 | 14.8 | 13.2 | 13.2 | 301.2 | 311.0 | 3.5 | 37.4 | 4.5 | 21 |
| 8.2 | 29.3 | 2214.4 | 775.0 | 6.9 | -5.1 | 249.2 | 14.1 | 13.2 | 5.0 | 301.2 | 311.0 | 3.4 | 42.3 | 5.5 | 27 |
| 9.2 | 31.8 | 2482.7 | 750.0 | 4.7 | -6.5 | 252.3 | 14.4 | 13.7 | 4.4 | 301.7 | 310.8 | 3.1 | 43.7 | 6.1 | 33 |
| 10.2 | 34.4 | 2758.3 | 725.0 | 3.0 | -10.4 | 254.4 | 14.9 | 14.4 | 4.0 | 302.8 | 309.9 | 2.4 | 36.4 | 6.8 | 37 |
| 11.3 | 37.0 | 3041.6 | 700.0 | 1.4 | -15.0 | 254.1 | 15.9 | 15.3 | 4.4 | 304.1 | 309.2 | 1.7 | 28.2 | 7.6 | 42 |
| 12.3 | 39.7 | 3333.3 | 675.0 | -0.6 | -16.9 | 250.5 | 15.7 | 15.8 | 5.6 | 305.0 | 309.6 | 1.5 | 27.8 | 8.5 | 45 |
| 13.4 | 42.4 | 3633.7 | 650.0 | -2.8 | -18.8 | 245.5 | 15.3 | 14.8 | 6.8 | 305.8 | 308.9 | 1.3 | 27.8 | 9.5 | 48 |
| 14.5 | 45.2 | 3943.2 | 625.0 | -5.1 | -20.7 | 238.9 | 15.3 | 13.9 | 8.4 | 306.6 | 308.9 | 1.2 | 28.0 | 10.6 | 49 |
| 15.6 | 48.1 | 4262.3 | 600.0 | -7.9 | -22.4 | 236.8 | 16.3 | 13.5 | 8.8 | 307.0 | 310.3 | 1.0 | 29.9 | 11.7 | 50 |
| 16.8 | 50.9 | 4592.0 | 575.0 | -9.7 | -23.3 | 236.4 | 16.7 | 13.6 | 9.0 | 308.6 | 311.9 | 1.0 | 31.8 | 12.7 | 51 |
| 18.1 | 53.9 | 4933.5 | 550.0 | -12.1 | -27.1 | 243.1 | 16.0 | 14.3 | 7.2 | 309.8 | 312.2 | 0.7 | 27.2 | 14.0 | 51 |
| 19.3 | 56.9 | 5287.8 | 525.0 | -15.0 | -29.7 | 248.9 | 15.4 | 14.3 | 5.5 | 310.4 | 312.5 | 0.6 | 27.1 | 15.2 | 53 |
| 20.7 | 59.9 | 5654.5 | 500.0 | -18.3 | -32.2 | 246.3 | 16.1 | 14.8 | 6.9 | 310.7 | 312.4 | 0.5 | 28.1 | 16.4 | 54 |
| 21.9 | 63.1 | 6035.1 | 475.0 | -21.5 | -35.1 | 243.4 | 15.3 | 13.7 | 6.9 | 311.4 | 312.8 | 0.4 | 27.7 | 17.5 | 54 |
| 23.3 | 66.3 | 6431.3 | 450.0 | -24.8 | -37.9 | 243.9 | 15.1 | 13.5 | 6.6 | 312.1 | 313.2 | 0.3 | 28.2 | 18.8 | 55 |
| 24.8 | 69.5 | 6844.9 | 425.0 | -27.8 | -39.4 | 253.6 | 17.5 | 16.8 | 4.9 | 313.4 | 313.4 | 0.3 | 31.6 | 20.1 | 56 |
| 26.3 | 72.9 | 7277.9 | 400.0 | -30.9 | -40.7 | 256.7 | 20.6 | 20.1 | 4.8 | 314.9 | 315.8 | 0.3 | 31.6 | 21.8 | 58 |
| 28.0 | 76.4 | 7732.2 | 375.0 | -34.7 | -43.9 | 249.9 | 23.5 | 22.0 | 8.1 | 315.7 | 316.4 | 0.2 | 38.3 | 23.8 | 59 |
| 29.6 | 80.0 | 8211.1 | 350.0 | -37.3 | -46.9 | 247.5 | 29.2 | 27.0 | 11.2 | 318.5 | 319.9 | 0.2 | 35.6 | 26.4 | 60 |
| 31.4 | 83.7 | 8719.2 | 325.0 | -40.8 | -49.9 | 246.2 | 29.3 | 26.8 | 11.8 | 320.5 | 319.9 | 99.9 | 99.9 | 29.5 | 61 |
| 33.3 | 87.7 | 9259.9 | 300.0 | -44.4 | -52.9 | 246.6 | 30.0 | 27.5 | 11.9 | 322.8 | 319.9 | 99.9 | 99.9 | 33.0 | 61 |
| 35.4 | 91.8 | 9839.4 | 275.0 | -47.6 | -55.9 | 241.2 | 30.0 | 26.3 | 14.5 | 326.3 | 319.9 | 99.9 | 99.9 | 36.8 | 62 |
| 37.7 | 96.2 | 10464.2 | 250.0 | -50.6 | -58.9 | 242.3 | 32.0 | 28.4 | 14.9 | 330.8 | 319.9 | 99.9 | 99.9 | 40.9 | 61 |
| 40.2 | 100.8 | 11147.8 | 225.0 | -52.4 | -61.4 | 245.4 | 32.6 | 29.6 | 13.6 | 338.2 | 319.9 | 99.9 | 99.9 | 45.7 | 62 |
| 42.7 | 105.6 | 11905.0 | 200.0 | -54.4 | -64.4 | 243.0 | 32.6 | 29.0 | 14.8 | 346.7 | 319.9 | 99.9 | 99.9 | 50.8 | 62 |
| 45.8 | 111.0 | 12762.1 | 175.0 | -54.4 | -64.4 | 254.7 | 28.4 | 27.4 | 17.5 | 360.7 | 319.9 | 99.9 | 99.9 | 55.9 | 63 |
| 49.3 | 116.7 | 13746.9 | 150.0 | -55.8 | -65.9 | 254.7 | 26.5 | 25.0 | 9.0 | 373.9 | 319.9 | 99.9 | 99.9 | 61.7 | 64 |
| 53.3 | 123.0 | 14914.9 | 125.0 | -54.4 | -64.4 | 254.1 | 22.6 | 21.8 | 6.2 | 396.6 | 319.9 | 99.9 | 99.9 | 67.5 | 65 |
| 58.2 | 130.3 | 16322.5 | 100.0 | -60.3 | -69.9 | 999.9 | 99.9 | 99.9 | 99.9 | 411.2 | 319.9 | 99.9 | 99.9 | 72.6 | 65 |
| 63.3 | 138.7 | 18097.1 | 75.0 | -64.4 | -69.9 | 999.9 | 99.9 | 99.9 | 99.9 | 438.0 | 319.9 | 99.9 | 99.9 | 99.9 | 999 |
| 71.4 | 149.0 | 20594.4 | 50.0 | -61.2 | -69.9 | 999.9 | 99.9 | 99.9 | 99.9 | 499.4 | 319.9 | 99.9 | 99.9 | 99.9 | 999 |
| 84.1 | 160.0 | 24979.7 | 25.0 | -53.2 | -69.9 | 999.9 | 99.9 | 99.9 | 99.9 | 631.6 | 319.9 | 99.9 | 99.9 | 99.9 | 999 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
** BY TEMP MEANS MISSING DATA STRUTUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 6
ABILENE, TEXAS
24 APRIL 1982
1120 GMT

| TIME MIN | ONTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0 0 | 10.7 | 531.9 | 956.3 | 10.7 | 8.1 | 150.0 | 4.5 | -2.3 | 3.9 | 287.5 | 306.0 | 7.1 | 84.0 | 0.0 | 0. |
| 99.9 | 99.9 | 99.9 | 100.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.2 | 11.3 | 587.0 | 950.0 | 10.3* | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 287.6 | 309.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 1.0 | 13.7 | 807.7 | 925.0 | 8.2 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 287.7 | 309.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 1.8 | 16.1 | 1033.8 | 900.0 | 7.5 | 6.9 | 99.9 | 99.9 | 99.9 | 99.9 | 289.3 | 307.6 | 7.0 | 96.0 | 99.9 | 99.9 |
| 2.8 | 18.6 | 1285.8 | 875.0 | 6.1 | 5.8 | 99.9 | 99.9 | 99.9 | 99.9 | 290.2 | 307.7 | 6.6 | 97.7 | 99.9 | 99.9 |
| 3.7 | 21.1 | 1504.2 | 850.0 | 7.1 | 6.6 | 99.9 | 99.9 | 99.9 | 99.9 | 293.6 | 312.9 | 7.2 | 96.8 | 99.9 | 99.9 |
| 4.6 | 23.5 | 1750.5 | 825.0 | 7.0 | 6.3 | 223.8 | 20.6 | 14.3 | 14.9 | 296.0 | 315.6 | 7.3 | 95.2 | 3.3 | 24. |
| 5.5 | 26.1 | 2003.7 | 800.0 | 6.1 | 5.3 | 223.7 | 22.0 | 15.2 | 15.3 | 297.7 | 316.8 | 7.0 | 94.5 | 4.4 | 34. |
| 6.5 | 28.6 | 2263.9 | 775.0 | 4.7 | 3.9 | 223.7 | 21.2 | 14.6 | 15.3 | 298.9 | 316.8 | 6.6 | 94.3 | 5.7 | 36. |
| 7.6 | 31.1 | 2531.7 | 750.0 | 4.2 | 3.4 | 223.7 | 15.0 | 11.3 | 15.3 | 301.2 | 319.3 | 6.5 | 94.3 | 6.9 | 37. |
| 8.6 | 33.8 | 2807.4 | 725.0 | 2.4 | 1.7 | 238.7 | 11.1 | 9.5 | 9.9 | 302.1 | 318.9 | 6.0 | 94.8 | 7.7 | 39. |
| 9.7 | 36.4 | 3090.8 | 700.0 | 0.6 | 0.1 | 268.9 | 6.9 | 8.4 | 5.8 | 303.1 | 318.2 | 5.3 | 93.1 | 8.1 | 41. |
| 10.7 | 39.1 | 3382.0 | 675.0 | -0.6 | -15.6 | 291.6 | 9.0 | 8.4 | 0.1 | 305.0 | 310.1 | 1.7 | 31.0 | 8.3 | 44. |
| 11.8 | 41.8 | 3682.6 | 650.0 | -2.6 | -26.6 | 297.7 | 12.2 | 10.8 | -3.3 | 306.1 | 308.2 | 0.7 | 13.7 | 9.1 | 48. |
| 13.0 | 44.7 | 3992.2 | 625.0 | -5.0 | -20.7 | 275.8 | 16.1 | 16.1 | -5.7 | 306.7 | 310.5 | 1.2 | 28.6 | 10.2 | 54. |
| 14.2 | 47.4 | 4311.9 | 600.0 | -7.0 | -15.2 | 257.4 | 19.5 | 19.0 | -1.6 | 308.0 | 314.0 | 2.0 | 52.5 | 11.7 | 57. |
| 15.4 | 50.4 | 4642.1 | 575.0 | -10.0 | -15.5 | 250.0 | 23.9 | 21.5 | 4.2 | 308.3 | 314.4 | 2.0 | 63.6 | 13.5 | 61. |
| 16.7 | 53.3 | 4983.4 | 550.0 | -12.8 | -14.8 | 244.0 | 28.5 | 22.0 | 7.8 | 308.9 | 315.6 | 2.2 | 84.9 | 15.5 | 60. |
| 18.2 | 56.3 | 5337.0 | 525.0 | -15.2 | -18.3 | 229.7 | 20.0 | 15.3 | 10.7 | 310.2 | 315.6 | 1.7 | 77.1 | 16.9 | 59. |
| 19.5 | 59.4 | 5704.2 | 500.0 | -17.5 | -20.4 | 216.5 | 18.4 | 14.8 | 14.8 | 311.7 | 317.9 | 1.5 | 50.9 | 18.2 | 57. |
| 20.8 | 62.5 | 6087.5 | 475.0 | -18.7 | -26.3 | 207.4 | 16.5 | 8.5 | 10.4 | 314.8 | 318.2 | 0.9 | 39.1 | 19.6 | 54. |
| 22.4 | 65.0 | 6488.5 | 450.0 | -21.6 | -31.7 | 203.1 | 14.0 | 6.4 | 15.0 | 316.2 | 318.2 | 0.6 | 15.2 | 21.0 | 52. |
| 24.0 | 69.0 | 6906.4 | 425.0 | -25.1 | -44.0 | 212.8 | 13.8 | 8.8 | 11.8 | 316.8 | 318.0 | 0.2 | 15.3 | 22.4 | 51. |
| 25.9 | 72.4 | 7343.6 | 400.0 | -28.8 | -47.0 | 219.6 | 13.6 | 8.1 | 10.6 | 317.5 | 318.0 | 0.1 | 14.9 | 23.8 | 51. |
| 27.7 | 76.0 | 7802.1 | 375.0 | -32.4 | -50.2 | 220.1 | 13.2 | 9.4 | 9.6 | 318.8 | 318.0 | 0.1 | 15.0 | 25.3 | 50. |
| 29.6 | 79.7 | 8285.0 | 350.0 | -36.1 | -53.2 | 225.6 | 12.9 | 11.0 | 9.2 | 320.1 | 320.4 | 0.1 | 99.9 | 26.9 | 50. |
| 31.8 | 83.5 | 8795.7 | 325.0 | -39.8 | -59.9 | 238.0 | 12.9 | 16.9 | 6.9 | 321.8 | 320.4 | 99.9 | 99.9 | 29.1 | 51. |
| 34.1 | 87.5 | 9337.1 | 300.0 | -44.5 | -69.9 | 238.0 | 19.9 | 18.7 | 10.5 | 322.7 | 320.4 | 99.9 | 99.9 | 32.0 | 52. |
| 36.5 | 91.7 | 9914.3 | 275.0 | -49.0 | -79.9 | 246.0 | 20.4 | 21.9 | 8.3 | 324.3 | 320.4 | 99.9 | 99.9 | 34.7 | 53. |
| 38.9 | 96.0 | 10534.6 | 250.0 | -53.3 | -89.9 | 247.7 | 23.6 | 26.0 | 9.0 | 328.0 | 320.4 | 99.9 | 99.9 | 38.6 | 55. |
| 41.3 | 100.4 | 11213.3 | 225.0 | -57.3 | -99.9 | 249.6 | 27.8 | 26.0 | 9.7 | 336.8 | 320.4 | 99.9 | 99.9 | 43.5 | 56. |
| 44.4 | 105.4 | 11970.3 | 200.0 | -54.6 | -99.9 | 249.5 | 27.4 | 26.2 | 9.6 | 346.4 | 320.4 | 99.9 | 99.9 | 48.6 | 58. |
| 47.6 | 110.8 | 12824.7 | 175.0 | -56.0 | -99.9 | 250.9 | 27.9 | 26.5 | 9.1 | 357.6 | 320.4 | 99.9 | 99.9 | 54.6 | 59. |
| 51.3 | 116.5 | 13804.9 | 150.0 | -55.4 | -99.9 | 251.8 | 27.9 | 26.5 | 9.1 | 374.7 | 320.4 | 99.9 | 99.9 | 61.3 | 61. |
| 56.0 | 123.2 | 14864.0 | 125.0 | -57.3 | -99.9 | 249.5 | 22.6 | 21.2 | 7.9 | 391.2 | 320.4 | 99.9 | 99.9 | 67.4 | 62. |
| 61.1 | 130.7 | 16356.4 | 100.0 | -61.3 | -99.9 | 249.5 | 17.0 | 16.9 | 1.5 | 409.3 | 320.4 | 99.9 | 99.9 | 70.2 | 63. |
| 67.3 | 139.5 | 18122.7 | 75.0 | -65.4 | -99.9 | 240.1 | 6.8 | 5.9 | 3.4 | 435.9 | 320.4 | 99.9 | 99.9 | 72.5 | 63. |
| 75.6 | 149.7 | 20616.0 | 50.0 | -61.3 | -99.9 | 331.2 | 4.6 | 2.2 | -4.1 | 499.2 | 320.4 | 99.9 | 99.9 | 75.6 | 63. |
| 89.0 | 191.0 | 25017.1 | 25.0 | -53.0 | -99.9 | 132.3 | 5.0 | -3.7 | 3.3 | 632.3 | 320.4 | 99.9 | 99.9 | 70.2 | 63. |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
 ** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 6
ABILENE, TEXAS
24 APRIL 1982
1708 GMT

147 12 0

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 11.0 | 531.9 | 953.9 | 14.5 | 9.9 | 135.0 | 6.7 | -4.7 | 4.7 | 291.6 | 312.8 | 8.1 | 74.0 | 0.0 | 0 |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999 |
| 0.1 | 11.4 | 566.4 | 950.0 | 13.5* | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 290.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999 |
| 0.9 | 13.8 | 788.8 | 925.0 | 10.3 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 289.8 | 99.9 | 99.9 | 99.9 | 99.9 | 999 |
| 1.9 | 16.2 | 1016.6 | 900.0 | 8.1 | 7.9 | 99.9 | 99.9 | 99.9 | 99.9 | 289.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999 |
| 3.0 | 18.6 | 1249.1 | 875.0 | 6.8 | 6.8 | 204.5 | 8.0 | 3.3 | 7.2 | 290.9 | 309.4 | 7.5 | 98.5 | 1.2 | 360 |
| 4.1 | 21.1 | 1488.2 | 850.0 | 9.0 | -10.9 | 253.6 | 6.2 | 5.9 | 1.7 | 295.6 | 301.3 | 2.0 | 100.2 | 1.8 | 4 |
| 4.9 | 23.5 | 1737.2 | 825.0 | 11.9 | -13.8 | 276.1 | 7.1 | 7.0 | -0.7 | 301.2 | 306.0 | 1.6 | 23.5 | 2.1 | 11 |
| 5.9 | 26.0 | 1993.3 | 800.0 | 10.0 | -16.0 | 267.8 | 6.6 | 6.6 | 0.3 | 301.2 | 306.0 | 1.4 | 15.1 | 2.2 | 20 |
| 6.9 | 28.6 | 2256.4 | 775.0 | 9.0 | -14.4 | 246.2 | 8.0 | 7.3 | 3.2 | 303.5 | 308.4 | 1.6 | 14.2 | 2.3 | 29 |
| 8.0 | 31.1 | 2526.9 | 750.0 | 6.7 | -5.7 | 250.2 | 11.4 | 10.7 | 3.9 | 303.9 | 313.6 | 3.3 | 17.4 | 2.7 | 35 |
| 9.1 | 33.7 | 2804.4 | 725.0 | 4.4 | -3.9 | 255.4 | 12.0 | 11.6 | 3.0 | 304.3 | 315.8 | 4.0 | 40.6 | 3.2 | 41 |
| 10.3 | 36.3 | 3089.0 | 700.0 | 2.0 | -3.5 | 254.2 | 13.4 | 12.9 | 3.7 | 304.7 | 316.9 | 4.2 | 54.9 | 3.9 | 47 |
| 11.4 | 39.0 | 3381.2 | 675.0 | -0.6 | -10.8 | 250.6 | 15.9 | 15.0 | 5.3 | 305.0 | 312.5 | 2.5 | 66.7 | 4.7 | 52 |
| 12.5 | 41.7 | 3682.7 | 650.0 | -1.7 | -15.1 | 244.5 | 18.5 | 16.7 | 8.0 | 307.1 | 312.5 | 1.8 | 45.9 | 5.6 | 58 |
| 13.6 | 44.4 | 3993.2 | 625.0 | -4.5 | -14.5 | 240.9 | 18.8 | 16.5 | 9.2 | 307.3 | 313.3 | 2.0 | 34.8 | 6.8 | 58 |
| 14.7 | 47.2 | 4312.7 | 600.0 | -7.9 | -13.9 | 239.2 | 18.0 | 15.5 | 9.2 | 307.0 | 313.6 | 2.2 | 61.6 | 8.0 | 58 |
| 15.9 | 50.0 | 4641.7 | 575.0 | -10.9 | -15.6 | 239.6 | 18.3 | 15.8 | 9.3 | 307.2 | 313.2 | 2.0 | 68.4 | 9.2 | 59 |
| 17.2 | 52.9 | 4981.5 | 550.0 | -14.0 | -21.0 | 241.7 | 20.3 | 17.6 | 10.0 | 309.1 | 311.6 | 1.3 | 55.4 | 10.5 | 59 |
| 18.6 | 55.9 | 5333.2 | 525.0 | -16.1 | -44.4 | 240.5 | 20.7 | 17.4 | 11.3 | 311.4 | 311.8 | 0.1 | 6.6 | 12.0 | 59 |
| 20.1 | 58.9 | 5699.8 | 500.0 | -17.8 | -46.7 | 236.9 | 21.4 | 18.7 | 10.4 | 312.5 | 312.8 | 0.1 | 5.9 | 15.4 | 59 |
| 21.5 | 62.0 | 6081.1 | 475.0 | -20.6 | -50.4 | 239.8 | 23.3 | 20.2 | 11.7 | 313.1 | 313.4 | 0.1 | 6.4 | 17.2 | 59 |
| 22.9 | 65.1 | 6478.4 | 450.0 | -24.0 | -52.2 | 239.7 | 26.4 | 22.8 | 13.3 | 315.0 | 315.3 | 0.1 | 6.6 | 19.0 | 59 |
| 24.4 | 68.4 | 6893.2 | 425.0 | -26.5 | -53.8 | 239.8 | 27.8 | 24.0 | 14.0 | 317.8 | 318.0 | 0.1 | 6.8 | 21.2 | 59 |
| 26.1 | 71.6 | 7329.7 | 400.0 | -28.6 | -56.0 | 240.3 | 27.3 | 24.0 | 14.0 | 317.8 | 318.0 | 0.1 | 6.8 | 24.1 | 59 |
| 27.9 | 75.1 | 7786.3 | 375.0 | -32.3 | -58.5 | 242.1 | 27.3 | 23.7 | 13.5 | 318.9 | 319.1 | 0.0 | 7.7 | 26.9 | 59 |
| 29.6 | 78.7 | 8271.6 | 350.0 | -36.0 | -59.9 | 245.0 | 28.3 | 25.0 | 13.2 | 320.3 | 320.4 | 0.0 | 7.7 | 29.7 | 60 |
| 31.3 | 82.4 | 8783.2 | 325.0 | -39.3 | 99.9 | 247.5 | 30.1 | 27.3 | 12.7 | 322.5 | 999.9 | 99.9 | 999.9 | 32.9 | 60 |
| 33.2 | 86.3 | 9327.4 | 300.0 | -42.6 | 99.9 | 248.3 | 27.7 | 25.6 | 10.8 | 325.4 | 999.9 | 99.9 | 999.9 | 36.2 | 61 |
| 35.2 | 90.3 | 9909.3 | 275.0 | -46.9 | 99.9 | 255.5 | 29.3 | 27.3 | 8.2 | 331.6 | 999.9 | 99.9 | 999.9 | 39.6 | 61 |
| 37.3 | 94.5 | 10535.8 | 250.0 | -50.1 | 99.9 | 259.8 | 32.7 | 31.7 | 5.9 | 338.7 | 999.9 | 99.9 | 999.9 | 43.0 | 62 |
| 39.5 | 99.0 | 11221.1 | 225.0 | -52.1 | 99.9 | 259.8 | 33.0 | 32.5 | 5.9 | 344.9 | 999.9 | 99.9 | 999.9 | 47.7 | 62 |
| 41.9 | 103.8 | 11977.7 | 200.0 | -55.5 | 99.9 | 254.0 | 31.6 | 30.4 | 8.7 | 344.9 | 999.9 | 99.9 | 999.9 | 52.1 | 65 |
| 44.5 | 109.0 | 12830.6 | 175.0 | -54.1 | 99.9 | 248.6 | 25.7 | 23.9 | 9.4 | 360.6 | 999.9 | 99.9 | 999.9 | 56.5 | 65 |
| 47.8 | 114.5 | 13819.2 | 150.0 | -54.4 | 99.9 | 251.1 | 26.7 | 25.3 | 8.6 | 376.4 | 999.9 | 99.9 | 999.9 | 61.6 | 66 |
| 51.4 | 120.5 | 14982.5 | 125.0 | -56.7 | 99.9 | 250.1 | 25.0 | 23.5 | 8.5 | 392.4 | 999.9 | 99.9 | 999.9 | 66.7 | 66 |
| 56.0 | 127.2 | 16386.1 | 100.0 | -60.3 | 99.9 | 246.7 | 14.3 | 13.1 | 5.7 | 411.3 | 999.9 | 99.9 | 999.9 | 72.2 | 66 |
| 61.2 | 134.3 | 18160.2 | 75.0 | -63.0 | 99.9 | 212.8 | 8.0 | 4.3 | 6.7 | 440.9 | 999.9 | 99.9 | 999.9 | 75.6 | 66 |
| 68.8 | 142.5 | 20676.4 | 50.0 | -59.5 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 503.5 | 999.9 | 99.9 | 999.9 | 99.9 | 999 |
| 81.0 | 151.3 | 25111.6 | 25.0 | -48.8 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 644.8 | 999.9 | 99.9 | 999.9 | 79.8 | 66 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 6
ABILENE, TEXAS

24 APRIL 1982
2016 GMT

| TIME MIN | CNTOT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 10.9 | 531.9 | 952.3 | 17.7 | 11.0 | 180.0 | 6.2 | 0.0 | 6.2 | 295.0 | 318.1 | 8.7 | 85.0 | 0.0 | 0 |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999. |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999. |
| 0.1 | 11.1 | 552.5 | 925.0 | 16.7* | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 294.1 | 999.9 | 99.9 | 99.9 | 99.9 | 999. |
| 0.8 | 13.5 | 777.2 | 925.0 | 12.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 292.2 | 999.9 | 99.9 | 99.9 | 99.9 | 999. |
| 1.7 | 15.8 | 1006.6 | 900.0 | 10.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 292.7 | 999.9 | 8.5 | 92.6 | 99.9 | 999. |
| 2.8 | 18.2 | 1241.0 | 875.0 | 8.4 | 8.0 | 196.4 | 9.8 | 2.8 | 9.4 | 292.5 | 313.0 | 7.8 | 97.6 | 1.8 | 12 |
| 3.9 | 20.6 | 1481.1 | 850.0 | 10.6 | 0.3 | 212.3 | 7.5 | 4.0 | 6.4 | 297.2 | 310.1 | 4.7 | 51.3 | 2.4 | 15 |
| 4.9 | 23.1 | 1730.4 | 825.0 | 10.8 | -2.3 | 215.3 | 6.8 | 3.9 | 5.6 | 300.0 | 311.1 | 3.9 | 51.3 | 2.7 | 18 |
| 5.8 | 25.6 | 1985.3 | 800.0 | 9.2 | -2.0 | 210.4 | 7.0 | 3.9 | 5.6 | 301.0 | 312.7 | 4.1 | 45.1 | 3.1 | 20 |
| 6.8 | 28.1 | 2248.5 | 775.0 | 7.2 | -1.4 | 224.2 | 8.0 | 5.6 | 5.7 | 301.6 | 312.7 | 4.1 | 45.1 | 3.5 | 22 |
| 7.9 | 30.7 | 2517.5 | 750.0 | 4.9 | -2.3 | 237.8 | 9.1 | 5.6 | 5.7 | 302.0 | 314.2 | 4.3 | 54.1 | 3.5 | 26 |
| 8.9 | 33.1 | 2793.5 | 725.0 | 3.6 | -9.9 | 248.8 | 12.0 | 11.0 | 4.7 | 303.4 | 310.7 | 2.5 | 59.3 | 4.0 | 30 |
| 10.1 | 35.8 | 3077.1 | 700.0 | 1.2 | -15.5 | 251.7 | 13.8 | 13.1 | 4.3 | 303.9 | 308.5 | 1.5 | 59.3 | 5.2 | 37 |
| 11.2 | 38.4 | 3366.7 | 675.0 | -0.6 | -19.8 | 245.0 | 16.5 | 14.9 | 7.0 | 305.0 | 308.7 | 1.2 | 22.1 | 6.1 | 42 |
| 12.2 | 41.0 | 3669.3 | 650.0 | -2.2 | -24.3 | 241.2 | 18.3 | 16.0 | 8.8 | 306.5 | 309.2 | 0.8 | 15.7 | 7.1 | 45 |
| 13.3 | 43.8 | 3979.6 | 625.0 | -4.2 | -26.4 | 244.7 | 19.2 | 17.4 | 8.2 | 307.7 | 310.0 | 0.7 | 15.7 | 8.3 | 47 |
| 14.3 | 46.6 | 4298.6 | 600.0 | -6.9* | 99.9 | 253.7 | 18.6 | 17.6 | 6.5 | 308.1 | 999.9 | 99.9 | 99.9 | 9.4 | 50 |
| 15.5 | 49.4 | 4629.7 | 575.0 | -9.8 | -30.0 | 258.4 | 18.8 | 18.4 | 3.8 | 308.6 | 310.4 | 0.5 | 17.3 | 10.7 | 53 |
| 16.6 | 52.3 | 4971.7 | 550.0 | -12.1 | -32.2 | 259.3 | 20.8 | 20.4 | 3.9 | 309.8 | 310.4 | 0.5 | 16.7 | 12.0 | 56 |
| 18.1 | 55.3 | 5325.4 | 525.0 | -15.1 | -34.0 | 257.1 | 21.3 | 20.8 | 4.8 | 310.3 | 311.6 | 0.4 | 16.1 | 13.6 | 59 |
| 19.5 | 58.3 | 5692.2 | 500.0 | -18.1 | -36.8 | 252.7 | 21.7 | 20.7 | 6.4 | 311.0 | 312.1 | 0.3 | 17.5 | 15.3 | 60 |
| 20.9 | 61.4 | 6073.0 | 475.0 | -21.3 | -39.9 | 251.9 | 23.5 | 22.3 | 7.3 | 311.8 | 312.4 | 0.2 | 18.9 | 17.1 | 62 |
| 22.3 | 64.4 | 6469.3 | 450.0 | -24.2 | -42.3 | 257.3 | 23.5 | 23.0 | 5.2 | 312.8 | 313.5 | 0.2 | 18.9 | 19.0 | 63 |
| 23.6 | 67.6 | 6883.6 | 425.0 | -27.0 | -44.3 | 257.9 | 26.8 | 26.2 | 5.6 | 314.5 | 315.1 | 0.2 | 17.4 | 21.0 | 64 |
| 25.1 | 71.0 | 7318.1 | 400.0 | -29.5 | -46.6 | 999.9 | 99.9 | 99.9 | 99.9 | 316.7 | 317.2 | 0.1 | 17.1 | 99.9 | 999. |
| 99.9 | 99.9 | 99.9 | 375.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 999. |
| 99.9 | 99.9 | 99.9 | 350.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 999. |
| 99.9 | 99.9 | 99.9 | 325.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 999. |
| 99.9 | 99.9 | 99.9 | 300.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 999. |
| 99.9 | 99.9 | 99.9 | 275.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 999. |
| 99.9 | 99.9 | 99.9 | 250.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 999. |
| 99.9 | 99.9 | 99.9 | 225.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 999. |
| 99.9 | 99.9 | 99.9 | 200.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 999. |
| 99.9 | 99.9 | 99.9 | 175.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 999. |
| 99.9 | 99.9 | 99.9 | 150.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 999. |
| 99.9 | 99.9 | 99.9 | 125.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 999. |
| 99.9 | 99.9 | 99.9 | 100.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 999. |
| 99.9 | 99.9 | 99.9 | 75.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 999. |
| 99.9 | 99.9 | 99.9 | 50.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 999. |
| 99.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 999. |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 ** BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 *** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
 **** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

STATION NO. TEXAS
ABILENE, TEXAS

24 APRIL 1982
2105 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTG GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 11.1 | 531.9 | 951.2 | 17.6 | 11.2 | 220.0 | 8.2 | 5.3 | 6.3 | 294.9 | 318.4 | 8.8 | 56.0 | 0.0 | 0.0 |
| 99.9 | 99.9 | 1000.0 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.0 | 11.2 | 542.7 | 950.0 | 17.4 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 294.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.6 | 13.5 | 768.8 | 925.0 | 14.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 294.4 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 1.4 | 15.8 | 998.8 | 900.0 | 12.5 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 294.4 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 2.2 | 18.3 | 1233.3 | 875.0 | 9.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 294.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 3.1 | 20.6 | 1475.2 | 850.0 | 13.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 299.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 4.1 | 23.1 | 1725.6 | 825.0 | 12.1 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 301.4 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 5.1 | 25.6 | 1982.0 | 800.0 | 9.5 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 301.3 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 6.2 | 28.1 | 2244.5 | 775.0 | 7.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 302.2 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 7.3 | 30.6 | 2514.2 | 750.0 | 6.1 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 303.5 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 8.6 | 33.2 | 2790.7 | 725.0 | 3.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 305.3 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 9.7 | 35.8 | 3074.7 | 700.0 | 2.5 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 306.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 10.8 | 38.4 | 3367.7 | 675.0 | 0.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 307.2 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 11.8 | 41.1 | 3659.2 | 650.0 | -1.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 308.1 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 12.9 | 43.9 | 3950.0 | 625.0 | -3.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 309.2 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 14.0 | 46.7 | 4240.5 | 600.0 | -6.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 309.5 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 15.3 | 49.5 | 4531.7 | 575.0 | -8.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 309.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 16.5 | 52.4 | 4824.5 | 550.0 | -11.3 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 310.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 17.9 | 55.4 | 5117.3 | 525.0 | -14.4 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 311.2 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 19.4 | 58.5 | 5410.8 | 500.0 | -17.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 311.2 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 20.8 | 61.6 | 5704.3 | 475.0 | -21.5 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 312.5 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 22.1 | 64.6 | 6000.0 | 450.0 | -24.4 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 315.2 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 23.6 | 68.0 | 6296.8 | 425.0 | -26.4 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 317.3 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 25.1 | 71.3 | 6593.5 | 400.0 | -29.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 319.3 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 26.6 | 74.7 | 6890.0 | 375.0 | -32.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 321.4 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 28.2 | 78.3 | 7186.5 | 350.0 | -35.2 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 321.4 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 30.1 | 82.1 | 7483.0 | 325.0 | -39.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 322.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 31.8 | 86.0 | 7779.3 | 300.0 | -42.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 325.1 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 33.7 | 90.2 | 8075.8 | 275.0 | -46.1 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 328.5 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 35.6 | 94.4 | 8372.3 | 250.0 | -48.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 333.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 37.8 | 99.2 | 8668.8 | 225.0 | -51.4 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 339.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 40.2 | 104.0 | 8965.3 | 200.0 | -52.4 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 349.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 42.9 | 109.5 | 9261.8 | 175.0 | -54.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 359.4 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 45.8 | 115.0 | 9558.3 | 150.0 | -54.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 375.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 49.3 | 121.7 | 9854.8 | 125.0 | -56.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 392.3 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 53.9 | 129.3 | 10151.3 | 100.0 | -59.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 412.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 59.0 | 138.0 | 10447.8 | 75.0 | -63.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 505.5 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 66.8 | 149.0 | 10744.3 | 50.0 | -58.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 ** BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 *** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
 **** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL FILE
OF POOR QUALITY

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 6
ABILENE, TEXAS
25 APRIL 1962
223 GMT

| TIME MIN | CNTQT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTD CM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 11.7 | 531.9 | 948.2 | 13.8 | 10.8 | 200.0 | 5.4 | 1.8 | 5.1 | 291.4 | 313.9 | 8.6 | 82.0 | 0.0 | 0.0 |
| 0.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 1.8 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 2.7 | 99.9 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 3.6 | 99.9 | 99.9 | 925.0 | 12.1 | 99.9 | 174.2 | 13.6 | -1.4 | 13.5 | 291.7 | 99.9 | 99.9 | 99.9 | 0.5 | 339. |
| 4.5 | 13.9 | 739.4 | 900.0 | 12.1 | 99.9 | 195.6 | 14.7 | 4.0 | 14.2 | 295.7 | 99.9 | 99.9 | 99.9 | 1.4 | 354. |
| 5.4 | 16.2 | 969.4 | 875.0 | 13.8 | 6.8 | 215.0 | 12.8 | 7.4 | 10.5 | 298.2 | 318.6 | 8.6 | 77.9 | 2.2 | 5. |
| 6.3 | 18.6 | 1207.5 | 850.0 | 13.5 | 5.0 | 236.2 | 11.3 | 9.4 | 6.3 | 300.3 | 318.2 | 7.1 | 62.4 | 2.8 | 15. |
| 7.2 | 21.0 | 1451.9 | 825.0 | 12.1 | 0.9 | 256.2 | 11.7 | 11.4 | 2.8 | 302.4 | 315.4 | 6.5 | 56.2 | 3.2 | 25. |
| 8.1 | 23.5 | 1702.8 | 800.0 | 10.2 | -2.7 | 263.1 | 13.7 | 13.6 | 1.7 | 304.1 | 313.3 | 5.0 | 40.3 | 3.7 | 34. |
| 9.0 | 25.9 | 1959.7 | 775.0 | 8.5 | -2.1 | 263.0 | 16.3 | 16.2 | 2.0 | 302.9 | 315.1 | 4.2 | 47.4 | 4.4 | 44. |
| 9.9 | 28.4 | 2223.3 | 750.0 | 6.0 | -2.8 | 264.4 | 19.0 | 18.9 | 1.8 | 303.1 | 315.1 | 4.2 | 53.2 | 5.3 | 52. |
| 10.8 | 31.0 | 2493.2 | 725.0 | 3.4 | -5.5 | 265.1 | 20.4 | 20.4 | 1.7 | 303.2 | 313.4 | 3.5 | 58.8 | 6.5 | 58. |
| 11.7 | 33.6 | 2769.8 | 700.0 | 1.6 | -11.6 | 273.6 | 19.2 | 19.1 | -1.2 | 304.2 | 311.0 | 2.3 | 64.4 | 7.7 | 64. |
| 12.6 | 36.2 | 3053.5 | 675.0 | -1.0 | -25.4 | 282.0 | 16.7 | 16.3 | -3.5 | 304.5 | 306.9 | 0.7 | 70.8 | 8.8 | 68. |
| 13.5 | 38.9 | 3345.0 | 650.0 | -2.5 | -27.6 | 285.3 | 15.0 | 14.4 | -3.9 | 306.2 | 308.2 | 0.6 | 77.2 | 9.7 | 72. |
| 14.4 | 41.6 | 3645.3 | 625.0 | -4.3 | -36.9 | 284.4 | 14.8 | 14.3 | -3.7 | 307.9 | 308.4 | 0.3 | 84.4 | 10.6 | 75. |
| 15.3 | 44.3 | 3955.2 | 600.0 | -6.4 | -39.6 | 281.2 | 15.3 | 15.0 | -3.0 | 308.7 | 309.5 | 0.2 | 91.7 | 11.5 | 78. |
| 16.2 | 47.1 | 4275.4 | 575.0 | -8.8 | -43.9 | 274.4 | 16.8 | 16.7 | -1.3 | 309.7 | 310.2 | 0.1 | 98.8 | 12.7 | 80. |
| 17.1 | 50.0 | 4608.4 | 550.0 | -12.0 | -45.3 | 271.0 | 17.1 | 17.1 | -0.3 | 309.9 | 310.5 | 0.1 | 105.9 | 13.9 | 81. |
| 18.0 | 52.9 | 4948.6 | 525.0 | -15.2 | -47.3 | 271.2 | 15.9 | 15.9 | -0.3 | 310.2 | 310.5 | 0.1 | 113.0 | 15.1 | 81. |
| 18.9 | 55.9 | 5302.3 | 500.0 | -18.6 | -49.7 | 275.1 | 14.4 | 14.4 | -0.6 | 310.4 | 310.7 | 0.1 | 120.1 | 16.4 | 82. |
| 19.8 | 59.0 | 5668.2 | 475.0 | -21.4 | -52.4 | 272.5 | 14.4 | 14.4 | -1.3 | 311.5 | 311.7 | 0.1 | 127.2 | 17.7 | 83. |
| 20.7 | 62.1 | 6048.9 | 450.0 | -24.8 | -53.8 | 274.5 | 16.0 | 15.9 | -1.3 | 312.1 | 312.3 | 0.1 | 134.3 | 19.2 | 84. |
| 21.6 | 65.4 | 6445.0 | 425.0 | -27.7 | -55.6 | 267.2 | 18.4 | 18.3 | 0.3 | 312.5 | 312.7 | 0.0 | 141.4 | 20.9 | 85. |
| 22.5 | 68.7 | 6858.4 | 400.0 | -30.6 | -57.4 | 264.2 | 23.3 | 23.2 | 2.4 | 313.5 | 313.7 | 0.0 | 148.5 | 22.2 | 85. |
| 23.4 | 72.0 | 7291.5 | 375.0 | -33.2 | -59.4 | 261.8 | 28.0 | 25.9 | 3.9 | 317.7 | 317.8 | 0.0 | 155.6 | 23.2 | 85. |
| 24.3 | 75.6 | 7748.1 | 350.0 | -37.2 | -62.3 | 261.6 | 26.7 | 26.5 | 3.9 | 318.6 | 318.7 | 0.0 | 162.7 | 24.1 | 85. |
| 25.2 | 79.2 | 8229.0 | 325.0 | -41.1 | -64.9 | 260.4 | 31.1 | 30.6 | 5.2 | 320.1 | 318.9 | 99.9 | 169.8 | 25.2 | 85. |
| 26.1 | 83.0 | 8736.6 | 300.0 | -44.9 | -67.8 | 262.7 | 41.5 | 41.2 | 5.3 | 322.1 | 319.9 | 99.9 | 176.9 | 26.1 | 85. |
| 27.0 | 87.0 | 9275.8 | 275.0 | -47.8 | -69.9 | 264.0 | 47.0 | 46.8 | 4.9 | 324.1 | 319.9 | 99.9 | 184.0 | 27.0 | 84. |
| 27.9 | 91.2 | 9854.1 | 250.0 | -51.7 | -72.9 | 259.9 | 35.9 | 35.4 | 6.3 | 326.0 | 319.9 | 99.9 | 191.1 | 27.9 | 84. |
| 28.8 | 95.6 | 10477.6 | 225.0 | -53.7 | -75.9 | 260.2 | 35.9 | 34.9 | 6.0 | 328.2 | 319.9 | 99.9 | 198.2 | 28.8 | 84. |
| 29.7 | 100.4 | 11157.8 | 200.0 | -53.7 | -75.9 | 260.7 | 35.4* | 34.9 | 6.0 | 330.2 | 319.9 | 99.9 | 205.3 | 29.7 | 83. |
| 30.6 | 105.4 | 11911.9 | 175.0 | -53.8 | -75.9 | 261.3 | 32.1* | 32.4 | 4.1 | 332.2 | 319.9 | 99.9 | 212.4 | 30.6 | 83. |
| 31.5 | 110.8 | 12766.3 | 150.0 | -55.8 | -75.9 | 251.0 | 32.8* | 31.0 | 10.3 | 334.7 | 319.9 | 99.9 | 219.5 | 31.5 | 83. |
| 32.4 | 116.6 | 13743.5 | 125.0 | -58.7 | -75.9 | 247.6 | 19.1* | 17.6 | 10.7 | 337.4 | 319.9 | 99.9 | 226.6 | 32.4 | 81. |
| 33.3 | 123.2 | 14901.8 | 100.0 | -59.5 | -75.9 | 260.3 | 18.3* | 18.0 | 7.3 | 339.8 | 319.9 | 99.9 | 233.7 | 33.3 | 80. |
| 34.2 | 130.7 | 16316.5 | 75.0 | -64.0 | -75.9 | 262.9 | 9.6* | 9.2 | 3.1 | 342.8 | 319.9 | 99.9 | 240.8 | 34.2 | 80. |
| 35.1 | 139.0 | 18090.3 | 50.0 | -61.0 | -75.9 | 213.1 | 7.9 | 4.3 | 6.7 | 345.8 | 319.9 | 99.9 | 247.9 | 35.1 | 80. |
| 36.0 | 148.7 | 20587.2 | 25.0 | -61.0 | -75.9 | 99.9 | 99.9 | 99.9 | 99.9 | 348.8 | 319.9 | 99.9 | 255.0 | 36.0 | 79. |
| 36.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 351.8 | 319.9 | 99.9 | 262.1 | 36.9 | 99.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
 ** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 6
ABILENE, TEXAS
25 APRIL 1982
503 GMT

146 23 0

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE NM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 12.0 | 511.9 | 947.5 | 13.2 | 11.4 | 135.0 | 11.2 | -7.9 | 7.9 | 290.8 | 314.2 | 9.0 | 89.0 | 0.0 | 0 |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.5 | 14.0 | 734.1 | 925.0 | 12.2 | 10.7 | 176.8 | 8.1 | -0.5 | 8.1 | 291.8 | 315.6 | 9.1 | 93.3 | 0.3 | 333 |
| 1.2 | 16.3 | 964.5 | 900.0 | 12.4 | 11.2 | 211.8 | 8.6 | 4.5 | 7.3 | 294.3 | 318.2 | 9.0 | 89.3 | 0.6 | 353 |
| 2.1 | 18.6 | 1202.5 | 875.0 | 15.2 | 9.5 | 225.8 | 8.9 | 6.4 | 6.2 | 299.6 | 322.9 | 8.6 | 68.8 | 1.0 | 15 |
| 3.0 | 21.0 | 1448.8 | 850.0 | 15.8 | 3.2 | 241.0 | 8.9 | 7.8 | 4.3 | 302.7 | 318.7 | 5.7 | 43.0 | 1.4 | 27 |
| 3.9 | 23.4 | 1702.1 | 825.0 | 14.9 | -1.5 | 254.4 | 8.7 | 8.3 | 2.3 | 304.7 | 316.3 | 4.1 | 32.3 | 1.8 | 37 |
| 4.9 | 25.9 | 1961.4 | 800.0 | 12.7 | -2.7 | 258.6 | 8.8 | 8.6 | 1.7 | 304.7 | 315.1 | 3.9 | 34.1 | 2.2 | 46 |
| 5.9 | 28.3 | 2226.7 | 775.0 | 10.2 | -3.5 | 263.8 | 8.8 | 8.8 | 1.2 | 304.8 | 315.9 | 3.8 | 37.8 | 2.6 | 53 |
| 6.9 | 30.8 | 2498.4 | 750.0 | 7.8 | -4.3 | 270.9 | 8.8 | 8.8 | -0.1 | 305.1 | 315.9 | 3.7 | 41.9 | 3.1 | 59 |
| 7.9 | 33.2 | 2776.9 | 725.0 | 5.4 | -5.7 | 279.9 | 99.9 | 99.9 | 99.9 | 305.4 | 315.5 | 3.5 | 44.4 | 3.9 | 99.9 |
| 8.9 | 35.7 | 3062.5 | 700.0 | 2.8 | -6.4 | 999.9 | 99.9 | 99.9 | 99.9 | 305.6 | 315.5 | 3.4 | 51.0 | 99.9 | 99.9 |
| 9.9 | 38.3 | 3355.8 | 675.0 | 0.5 | -6.9 | 999.9 | 99.9 | 99.9 | 99.9 | 306.2 | 316.2 | 3.4 | 57.7 | 99.9 | 99.9 |
| 10.1 | 40.9 | 3657.2 | 650.0 | -2.3 | -9.5 | 999.9 | 99.9 | 99.9 | 99.9 | 306.4 | 314.9 | 2.9 | 57.6 | 99.9 | 99.9 |
| 11.2 | 43.6 | 3967.6 | 625.0 | -4.7 | -12.3 | 999.9 | 99.9 | 99.9 | 99.9 | 307.1 | 314.3 | 2.4 | 55.0 | 99.9 | 99.9 |
| 12.4 | 46.3 | 4287.3 | 600.0 | -7.6 | -15.3 | 999.9 | 99.9 | 99.9 | 99.9 | 307.4 | 313.2 | 1.9 | 53.6 | 99.9 | 99.9 |
| 13.7 | 49.1 | 4617.6 | 575.0 | -9.2 | -20.1 | 999.9 | 99.9 | 99.9 | 99.9 | 309.2 | 312.5 | 1.4 | 40.8 | 13.7 | 78 |
| 14.8 | 52.0 | 4959.8 | 550.0 | -11.4 | -32.1 | 249.0 | 12.0 | 11.2 | 4.3 | 310.5 | 312.2 | 0.5 | 16.0 | 14.5 | 78 |
| 16.0 | 54.9 | 5314.4 | 525.0 | -14.8 | -34.6 | 254.0 | 12.1 | 11.6 | 3.3 | 310.7 | 312.0 | 0.4 | 16.5 | 15.5 | 77 |
| 17.3 | 57.8 | 5681.5 | 500.0 | -18.2 | -37.0 | 262.9 | 12.9 | 12.9 | 1.6 | 310.9 | 312.6 | 0.3 | 17.2 | 16.4 | 77 |
| 18.6 | 60.9 | 6062.2 | 475.0 | -21.2 | -31.9 | 272.1 | 12.7 | 12.7 | -0.5 | 311.8 | 313.6 | 0.6 | 37.3 | 17.4 | 78 |
| 19.9 | 64.0 | 6458.7 | 450.0 | -24.3 | -31.5 | 278.8 | 12.4 | 12.3 | -1.9 | 312.7 | 314.7 | 0.6 | 51.2 | 18.5 | 79 |
| 21.4 | 67.3 | 6872.7 | 425.0 | -27.8 | -34.5 | 270.6 | 13.6 | 13.4 | -2.0 | 313.3 | 315.0 | 0.5 | 52.9 | 19.5 | 80 |
| 22.9 | 70.6 | 7305.0 | 400.0 | -31.6 | -36.2 | 270.6 | 15.0 | 15.0 | -0.1 | 314.0 | 315.8 | 0.4 | 63.2 | 20.9 | 81 |
| 24.5 | 74.0 | 7758.1 | 375.0 | -35.3 | -42.3 | 263.1 | 19.9 | 19.8 | 2.4 | 314.9 | 315.8 | 0.2 | 48.1 | 22.5 | 82 |
| 26.2 | 77.6 | 8236.8 | 350.0 | -37.8 | -50.6 | 263.6 | 25.9 | 25.7 | 2.9 | 317.8 | 318.1 | 0.1 | 24.5 | 25.2 | 82 |
| 28.1 | 81.3 | 8744.5 | 325.0 | -40.9 | -59.9 | 264.4 | 28.6 | 28.5 | 2.8 | 320.3 | 319.9 | 99.9 | 99.9 | 28.8 | 82 |
| 30.2 | 85.2 | 9284.3 | 300.0 | -44.9 | -69.9 | 264.3 | 28.2 | 28.3 | 2.8 | 322.1 | 319.9 | 99.9 | 99.9 | 32.5 | 82 |
| 32.4 | 89.2 | 9862.6 | 275.0 | -47.8 | -79.9 | 262.0 | 28.2 | 27.9 | 3.9 | 326.0 | 319.9 | 99.9 | 99.9 | 36.5 | 83 |
| 34.8 | 93.5 | 10485.6 | 250.0 | -51.4 | -89.9 | 256.1 | 34.0 | 32.4 | 10.3 | 329.7 | 319.9 | 99.9 | 99.9 | 41.3 | 82 |
| 37.4 | 98.0 | 11167.6 | 225.0 | -52.8 | -99.9 | 259.6 | 34.9 | 34.9 | 9.1 | 337.6 | 319.9 | 99.9 | 99.9 | 46.6 | 81 |
| 39.7 | 103.0 | 11924.6 | 200.0 | -52.9 | -99.9 | 259.6 | 25.3 | 24.9 | 4.6 | 349.1 | 319.9 | 99.9 | 99.9 | 52.4 | 80 |
| 42.9 | 108.4 | 12789.3 | 175.0 | -51.7 | -99.9 | 262.0 | 23.8 | 23.6 | 3.3 | 364.6 | 319.9 | 99.9 | 99.9 | 56.5 | 81 |
| 46.2 | 114.2 | 13784.2 | 150.0 | -54.9 | -99.9 | 263.5 | 18.7 | 18.5 | 2.1 | 375.6 | 319.9 | 99.9 | 99.9 | 62.2 | 81 |
| 50.3 | 120.7 | 14939.6 | 125.0 | -55.9 | -99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 393.8 | 319.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 54.2 | 128.0 | 16349.5 | 100.0 | -59.0 | -99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 413.8 | 319.9 | 99.9 | 99.9 | 81.5 | 80 |
| 59.3 | 136.3 | 18119.6 | 75.0 | -64.1 | -99.9 | 999.9 | 8.9 | 5.5 | 99.9 | 438.6 | 319.9 | 99.9 | 99.9 | 84.4 | 79 |
| 65.2 | 146.0 | 20617.5 | 50.0 | -61.4 | -99.9 | 179.2 | 4.0 | -0.1 | 4.0 | 498.7 | 319.9 | 99.9 | 99.9 | 85.2 | 79 |
| 73.7 | 156.3 | 25011.2 | 25.0 | -53.9 | -99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 630.2 | 319.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 87.1 | | | | | | | | | | | | | | | |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
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ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 7
ENNIS, TEXAS
24 APRIL 1962
1110 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 6.7 | 149.7 | 1001.7 | 12.0 | 8.8 | 180.0 | 2.5 | 0.0 | 2.5 | 285.0 | 303.4 | 7.1 | 81.0 | 0.0 | 0. |
| 0.1 | 6.9 | 163.9 | 1000.7 | 11.9 | 7.8 | 191.8 | 7.1 | 1.4 | 6.9 | 285.1 | 302.2 | 6.7 | 75.8 | 0.0 | 8. |
| 1.0 | 9.2 | 375.8 | 975.0 | 10.7 | 3.7 | 194.1 | 8.1 | 2.0 | 7.8 | 285.9 | 299.4 | 5.1 | 62.0 | 0.5 | 15. |
| 2.0 | 11.6 | 591.8 | 950.0 | 9.0 | 2.4 | 189.2 | 8.3 | 1.3 | 8.2 | 286.4 | 299.0 | 4.8 | 63.1 | 1.0 | 12. |
| 3.0 | 14.0 | 812.4 | 925.0 | 7.6 | 3.1 | 183.6 | 8.4 | 0.5 | 8.4 | 287.1 | 300.8 | 5.2 | 72.8 | 1.5 | 10. |
| 3.8 | 16.4 | 1038.0 | 900.0 | 5.9 | 2.8 | 174.5 | 6.2 | -0.6 | 6.1 | 287.6 | 301.5 | 5.2 | 80.3 | 1.9 | 9. |
| 4.9 | 18.8 | 1268.3 | 875.0 | 5.7 | 3.6 | 188.0 | 6.3 | 0.9 | 6.3 | 289.7 | 304.9 | 5.7 | 86.9 | 2.2 | 5. |
| 6.0 | 21.2 | 1508.0 | 850.0 | 8.7 | 8.1 | 240.8 | 9.9 | 8.6 | 4.8 | 295.3 | 316.7 | 8.0 | 95.5 | 2.6 | 12. |
| 7.1 | 23.7 | 1754.9 | 825.0 | 7.2 | 6.4 | 259.5 | 13.8 | 13.6 | 3.5 | 296.3 | 316.0 | 7.3 | 94.1 | 3.0 | 27. |
| 8.3 | 26.2 | 2007.8 | 800.0 | 5.5 | 4.2 | 246.9 | 15.1 | 13.9 | 5.9 | 297.1 | 314.7 | 6.5 | 91.0 | 3.8 | 38. |
| 9.3 | 28.7 | 2267.1 | 775.0 | 3.7 | 2.1 | 235.1 | 12.8 | 10.5 | 7.3 | 297.8 | 313.7 | 5.8 | 89.2 | 4.6 | 42. |
| 10.3 | 31.2 | 2532.9 | 750.0 | 2.0 | 0.5 | 221.7 | 9.7 | 8.5 | 7.3 | 298.7 | 313.4 | 5.3 | 88.9 | 5.3 | 43. |
| 11.8 | 33.6 | 2806.0 | 725.0 | 0.5 | -1.2 | 203.3 | 7.7 | 3.0 | 7.1 | 300.0 | 313.6 | 4.9 | 88.3 | 6.0 | 42. |
| 13.3 | 36.5 | 3088.2 | 700.0 | 0.2 | -1.6 | 196.0 | 9.0 | 2.5 | 8.7 | 302.8 | 318.5 | 4.5 | 87.1 | 6.7 | 39. |
| 15.0 | 39.1 | 3379.4 | 675.0 | -1.2 | -3.1 | 999.9 | 99.9 | 99.9 | 99.9 | 305.9 | 318.5 | 4.4 | 86.9 | 7.6 | 36. |
| 17.2 | 41.9 | 3680.1 | 650.0 | -2.8 | -4.0 | 999.9 | 99.9 | 99.9 | 99.9 | 309.9 | 318.5 | 99.9 | 99.9 | 99.9 | 99.9 |
| 19.9 | 44.9 | 399.9 | 625.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 21.9 | 47.9 | 430.9 | 600.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 23.9 | 50.9 | 461.9 | 575.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 25.9 | 53.9 | 492.9 | 550.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 27.9 | 56.9 | 523.9 | 525.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 29.9 | 59.9 | 554.9 | 500.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 31.9 | 62.9 | 585.9 | 475.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 33.9 | 65.9 | 616.9 | 450.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 35.9 | 68.9 | 647.9 | 425.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 37.9 | 71.9 | 678.9 | 400.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 39.9 | 74.9 | 709.9 | 375.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 41.9 | 77.9 | 740.9 | 350.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 43.9 | 80.9 | 771.9 | 325.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 45.9 | 83.9 | 802.9 | 300.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 47.9 | 86.9 | 833.9 | 275.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 49.9 | 89.9 | 864.9 | 250.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 51.9 | 92.9 | 895.9 | 225.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 53.9 | 95.9 | 926.9 | 200.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 55.9 | 98.9 | 957.9 | 175.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 57.9 | 101.9 | 988.9 | 150.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 59.9 | 104.9 | 1019.9 | 125.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 61.9 | 107.9 | 1050.9 | 100.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 63.9 | 110.9 | 1081.9 | 75.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 65.9 | 113.9 | 1112.9 | 50.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 67.9 | 116.9 | 1143.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 69.9 | 119.9 | 1174.9 | 0.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
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ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 7
ENNIS, TEXAS

24 APRIL 1982
1403 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RH PCT | RANGE NM | AZ DG | |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-----------|-------------|----------|------|
| 0.0 | 6.8 | 149.7 | 1001.7 | 10.3 | 10.3 | 220.0 | 1.5 | 1.0 | 1.1 | 283.3 | 303.3 | 7.9 | 100.0 | 100.0 | 0.0 | 0 | |
| 0.1 | 6.9 | 163.9 | 1000.0 | 10.8 | 9.9 | 174.3 | 2.3 | -0.2 | 2.2 | 284.0 | 303.5 | 7.7 | 94.2 | 94.2 | 0.1 | 25 | |
| 0.9 | 9.2 | 374.8 | 975.0 | 9.0 | 7.6 | 163.3 | 4.6 | -1.3 | 4.4 | 284.7 | 300.5 | 6.8 | 90.6 | 90.6 | 0.2 | 25 | |
| 1.9 | 11.5 | 589.6 | 950.0 | 7.4 | 5.8 | 177.9 | 7.9 | -0.3 | 7.9 | 284.2 | 300.5 | 6.1 | 89.7 | 89.7 | 0.6 | 7 | |
| 2.7 | 13.8 | 808.5 | 925.0 | 5.9 | 4.4 | 171.1 | 9.5 | -1.5 | 9.4 | 285.4 | 300.5 | 5.8 | 91.9 | 91.9 | 1.1 | 357 | |
| 3.6 | 16.2 | 1033.5 | 900.0 | 5.7 | 4.4 | 171.2 | 8.8 | -1.3 | 8.7 | 287.4 | 302.7 | 5.8 | 91.1 | 91.1 | 1.5 | 359 | |
| 4.5 | 18.5 | 1265.2 | 875.0 | 7.8 | 7.0 | 212.8 | 7.0 | 3.8 | 5.9 | 291.9 | 311.0 | 7.2 | 95.2 | 95.2 | 1.9 | 359 | |
| 5.4 | 21.0 | 1505.1 | 850.0 | 8.7 | 7.9 | 244.1 | 5.7 | 5.1 | 5.9 | 295.3 | 316.5 | 7.9 | 94.9 | 94.9 | 2.1 | 7 | |
| 6.3 | 23.4 | 1752.1 | 825.0 | 7.1 | 6.4 | 246.3 | 5.4 | 4.9 | 5.5 | 295.3 | 315.9 | 7.3 | 94.9 | 94.9 | 2.3 | 13 | |
| 7.3 | 25.9 | 2005.1 | 800.0 | 6.1 | 5.2 | 260.8 | 6.1 | 6.0 | 2.2 | 296.2 | 315.6 | 7.0 | 94.4 | 94.4 | 2.5 | 19 | |
| 8.4 | 28.4 | 2264.7 | 775.0 | 4.2 | 5.2 | 282.8 | 6.3 | 6.0 | -1.4 | 297.6 | 315.4 | 6.2 | 92.9 | 92.9 | 2.7 | 28 | |
| 9.4 | 30.9 | 2531.2 | 725.0 | 2.6 | 9.5 | 297.7 | 8.3 | 7.3 | -3.9 | 299.4 | 315.4 | 5.3 | 86.2 | 86.2 | 2.7 | 37 | |
| 10.3 | 33.4 | 2805.3 | 700.0 | 1.0 | -0.7 | 298.8 | 10.5 | 9.2 | -5.1 | 300.6 | 314.1 | 5.0 | 88.4 | 88.4 | 2.8 | 47 | |
| 11.3 | 36.0 | 3079.0 | 675.0 | 0.4 | -1.0 | 297.5 | 13.0 | 11.5 | -5.0 | 302.9 | 317.3 | 5.1 | 90.6 | 90.6 | 3.1 | 60 | |
| 12.4 | 38.6 | 3379.0 | 650.0 | -1.3 | -2.6 | 292.3 | 15.1 | 14.0 | -5.8 | 304.2 | 317.6 | 4.7 | 90.7 | 90.7 | 3.7 | 79 | |
| 13.4 | 41.2 | 3678.3 | 625.0 | -2.9 | -6.0 | 288.6 | 15.4 | 14.8 | -4.9 | 305.7 | 316.7 | 3.8 | 79.1 | 79.1 | 4.5 | 84 | |
| 14.6 | 43.9 | 3988.8 | 600.0 | -5.2 | -6.7 | 273.3 | 14.8 | 14.8 | -0.9 | 306.5 | 317.3 | 3.7 | 89.5 | 89.5 | 5.5 | 84 | |
| 15.9 | 46.7 | 4309.5 | 575.0 | -6.3 | -7.4 | 254.2 | 16.0 | 15.4 | 4.4 | 308.8 | 319.7 | 3.4 | 92.0 | 92.0 | 6.7 | 84 | |
| 17.3 | 49.6 | 4642.1 | 550.0 | -7.9 | -9.0 | 242.0 | 15.9 | 14.0 | 7.5 | 310.8 | 320.9 | 2.9 | 89.9 | 89.9 | 8.0 | 81 | |
| 18.7 | 52.4 | 4986.9 | 525.0 | -9.9 | -11.2 | 232.6 | 15.5 | 12.3 | 9.4 | 312.3 | 321.3 | 2.6 | 88.6 | 88.6 | 9.2 | 78 | |
| 20.0 | 55.3 | 5344.7 | 500.0 | -11.9 | -13.4 | 231.3 | 17.7 | 13.8 | 11.6 | 314.2 | 322.2 | 2.1 | 84.8 | 84.8 | 10.4 | 75 | |
| 21.3 | 58.3 | 5716.9 | 475.0 | -14.4 | -16.4 | 231.5 | 18.6 | 14.6 | 11.6 | 315.5 | 322.1 | 2.1 | 80.8 | 80.8 | 11.7 | 72 | |
| 22.6 | 61.4 | 6104.3 | 450.0 | -17.0 | -19.5 | 227.4 | 20.6 | 13.7 | 12.6 | 316.9 | 322.9 | 1.7 | 78.7 | 78.7 | 13.1 | 69 | |
| 23.9 | 64.5 | 6508.2 | 425.0 | -19.8 | -22.5 | 216.3 | 22.7 | 13.4 | 15.3 | 318.4 | 322.9 | 1.1 | 79.2 | 79.2 | 14.4 | 67 | |
| 25.4 | 67.8 | 6930.4 | 400.0 | -22.7 | -25.3 | 219.1 | 27.1 | 17.1 | 18.3 | 319.9 | 323.8 | 0.8 | 75.6 | 75.6 | 16.1 | 64 | |
| 26.6 | 71.0 | 7372.4 | 375.0 | -26.2 | -29.2 | 219.1 | 27.5 | 18.4 | 21.1 | 320.9 | 323.8 | 0.6 | 67.1 | 67.1 | 17.8 | 61 | |
| 28.1 | 74.6 | 7836.0 | 350.0 | -29.9 | -34.0 | 222.0 | 27.5 | 18.4 | 20.5 | 322.1 | 324.1 | 0.2 | 40.1 | 40.1 | 20.1 | 59 | |
| 29.7 | 78.0 | 8322.4 | 325.0 | -34.6 | -43.3 | 223.2 | 31.5 | 21.5 | 22.9 | 322.2 | 324.1 | 0.2 | 40.1 | 40.1 | 22.8 | 57 | |
| 31.3 | 81.7 | 8836.4 | 300.0 | -38.3 | -45.0 | 216.0 | 34.2 | 20.1 | 27.7 | 323.8 | 324.6 | 0.2 | 40.1 | 40.1 | 25.9 | 55 | |
| 33.1 | 85.5 | 9383.1 | 275.0 | -42.1 | -49.9 | 210.3 | 37.6 | 19.0 | 32.5 | 326.1 | 326.1 | 99.9 | 99.9 | 99.9 | 29.5 | 52 | |
| 34.9 | 89.5 | 9965.6 | 250.0 | -47.3 | -55.4 | 212.3 | 38.0 | 20.3 | 32.1 | 326.7 | 326.7 | 99.9 | 99.9 | 99.9 | 33.3 | 49 | |
| 36.8 | 93.8 | 10587.3 | 225.0 | -53.5 | -59.9 | 219.5 | 39.0 | 24.5 | 29.6 | 326.5 | 326.5 | 99.9 | 99.9 | 99.9 | 37.6 | 48 | |
| 38.2 | 98.3 | 11262.7 | 200.0 | -57.6 | -66.6 | 235.4 | 36.2 | 32.2 | 22.1 | 333.6 | 326.5 | 99.9 | 99.9 | 99.9 | 43.0 | 48 | |
| 39.2 | 103.2 | 12008.6 | 175.0 | -58.0 | -69.9 | 243.3 | 33.4 | 30.8 | 16.3 | 341.5 | 326.5 | 99.9 | 99.9 | 99.9 | 48.2 | 49 | |
| 41.5 | 108.3 | 12850.4 | 150.0 | -58.0 | -69.9 | 249.1 | 26.9 | 25.1 | 12.9 | 354.2 | 326.5 | 99.9 | 99.9 | 99.9 | 53.8 | 51 | |
| 44.3 | 114.0 | 13824.9 | 125.0 | -54.9 | -69.9 | 249.1 | 26.9 | 25.1 | 10.1 | 375.6 | 326.5 | 99.9 | 99.9 | 99.9 | 58.9 | 53 | |
| 47.3 | 120.2 | 14986.4 | 100.0 | -58.0 | -69.9 | 242.8 | 22.1 | 19.7 | 3.8 | 389.3 | 326.5 | 99.9 | 99.9 | 99.9 | 64.2 | 54 | |
| 50.9 | 127.5 | 16374.2 | 75.0 | -64.4 | -69.9 | 257.9 | 18.0 | 17.6 | 4.7 | 403.3 | 326.5 | 99.9 | 99.9 | 99.9 | 69.6 | 55 | |
| 55.1 | 136.0 | 18131.4 | 50.0 | -65.1 | -69.9 | 237.3 | 8.7 | 7.3 | 99.9 | 436.2 | 326.5 | 99.9 | 99.9 | 99.9 | 72.6 | 56 | |
| 61.0 | 145.7 | 20630.8 | 25.0 | -62.6 | -69.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

| STATION NO. 7 ENNIS, TEXAS 24 APRIL 1982 1700 GMT | | | | | | | | | | | | | | | 158 | 16. | 0 |
|------------------------------------------------------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|-----|---|
| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG | | |
| 0.0 | 6.8 | 149.7 | 1002.1 | 11.7 | 8.6 | 170.0 | 1.5 | -0.3 | 1.5 | 284.1 | 302.7 | 7.0 | 81.0 | 0.0 | 0 | | |
| 0.7 | 7.0 | 187.3 | 1000.0 | 11.7* | 7.8 | 168.1 | 4.1 | -0.8 | 4.0 | 284.9 | 302.0 | 6.7 | 76.9 | 0.2 | 342. | | |
| 0.7 | 9.3 | 378.4 | 975.0 | 9.2 | 6.1 | 168.4 | 4.8 | -1.0 | 4.7 | 284.4 | 302.2 | 6.5 | 92.8 | 0.2 | 343. | | |
| 1.6 | 11.6 | 593.6 | 950.0 | 7.9 | 6.6 | 175.0 | 7.0 | -0.6 | 7.0 | 285.2 | 301.9 | 6.4 | 91.7 | 0.5 | 347. | | |
| 2.3 | 14.0 | 813.5 | 925.0 | 7.0 | 6.0 | 191.7 | 7.5 | 1.5 | 7.3 | 286.5 | 303.0 | 6.5 | 93.4 | 0.8 | 353. | | |
| 3.2 | 16.5 | 1039.1 | 900.0 | 7.6 | 6.8 | 207.1 | 7.2 | 3.3 | 6.4 | 289.4 | 307.5 | 7.9 | 94.5 | 1.2 | 2. | | |
| 4.1 | 18.9 | 1272.7 | 875.0 | 9.2 | 8.4 | 212.3 | 6.6 | 3.5 | 5.5 | 293.3 | 314.3 | 7.9 | 94.9 | 1.5 | 8. | | |
| 5.0 | 21.4 | 1513.0 | 850.0 | 7.7 | 6.9 | 211.1 | 7.9 | 4.1 | 6.8 | 294.2 | 313.9 | 7.4 | 94.4 | 1.9 | 13. | | |
| 5.9 | 23.9 | 1759.2 | 825.0 | 6.5 | 5.6 | 211.9 | 8.2 | 4.3 | 6.9 | 295.5 | 314.2 | 7.0 | 94.0 | 2.3 | 16. | | |
| 6.8 | 26.4 | 2011.8 | 800.0 | 5.1 | 4.2 | 219.2 | 8.3 | 5.3 | 6.5 | 296.8 | 314.2 | 6.5 | 94.1 | 2.8 | 19. | | |
| 7.8 | 28.9 | 2270.2 | 775.0 | 3.9 | 3.0 | 233.3 | 7.5 | 6.1 | 4.5 | 298.0 | 314.9 | 6.2 | 93.6 | 3.2 | 23. | | |
| 8.8 | 31.5 | 2537.2 | 750.0 | 2.5 | 1.6 | 248.3 | 7.4 | 6.9 | 2.7 | 299.4 | 315.3 | 5.8 | 93.8 | 3.5 | 28. | | |
| 9.7 | 34.0 | 2811.1 | 725.0 | 0.9 | -0.1 | 258.9 | 6.8 | 6.4 | 1.3 | 300.4 | 315.2 | 5.0 | 93.3 | 3.8 | 32. | | |
| 10.9 | 36.7 | 3093.2 | 700.0 | -0.3 | -1.3 | 266.0 | 4.7 | 4.6 | 0.3 | 302.1 | 316.2 | 4.5 | 93.0 | 4.1 | 37. | | |
| 12.1 | 39.3 | 3383.7 | 675.0 | -2.1 | -3.1 | 278.5 | 3.3 | 3.2 | -0.5 | 303.3 | 316.7 | 4.1 | 92.5 | 4.4 | 42. | | |
| 13.3 | 42.1 | 3683.2 | 650.0 | -3.7 | -4.8 | 265.4 | 3.8 | 3.8 | 0.3 | 304.7 | 318.0 | 3.9 | 91.9 | 4.7 | 44. | | |
| 14.6 | 44.9 | 3992.8 | 625.0 | -5.0 | -6.1 | 246.0 | 7.9 | 7.2 | 3.2 | 306.7 | 319.0 | 3.6 | 91.6 | 5.4 | 47. | | |
| 15.8 | 47.7 | 4313.4 | 600.0 | -8.6 | -9.7 | 257.4 | 10.6 | 10.3 | 2.3 | 308.5 | 319.7 | 3.2 | 90.4 | 6.2 | 53. | | |
| 17.1 | 50.5 | 4645.1 | 575.0 | -8.4 | -9.7 | 264.2 | 13.7 | 13.6 | 1.4 | 310.1 | 319.7 | 2.8 | 88.5 | 7.3 | 57. | | |
| 18.5 | 53.4 | 4989.1 | 550.0 | -10.5 | -12.1 | 255.7 | 17.0 | 16.5 | 4.2 | 311.6 | 320.0 | 2.3 | 85.5 | 8.8 | 60. | | |
| 19.8 | 56.4 | 5345.9 | 525.0 | -12.7 | -14.6 | 246.7 | 19.0 | 17.5 | 7.5 | 313.2 | 320.4 | 2.0 | 83.1 | 10.2 | 60. | | |
| 21.1 | 59.4 | 5716.9 | 500.0 | -15.0 | -17.2 | 242.1 | 18.4 | 16.2 | 8.6 | 314.7 | 320.9 | 1.7 | 82.9 | 11.8 | 60. | | |
| 22.6 | 62.5 | 6103.3 | 475.0 | -17.4 | -19.0 | 234.5 | 21.6 | 17.6 | 12.5 | 316.5 | 321.9 | 1.3 | 82.9 | 13.9 | 58. | | |
| 24.0 | 65.7 | 6507.0 | 450.0 | -20.0 | -22.9 | 224.6 | 26.8 | 18.1 | 18.8 | 318.1 | 322.5 | 0.9 | 77.4 | 16.2 | 56. | | |
| 25.4 | 68.9 | 6928.1 | 425.0 | -23.7 | -26.1 | 220.4 | 28.8 | 17.4 | 20.4 | 318.6 | 322.9 | 0.7 | 67.1 | 18.7 | 54. | | |
| 27.1 | 72.3 | 7369.0 | 400.0 | -26.6 | -30.8 | 219.6 | 23.9 | 15.2 | 18.4 | 320.4 | 322.9 | 0.5 | 58.7 | 21.2 | 52. | | |
| 29.0 | 75.7 | 7831.9 | 375.0 | -30.0 | -35.3 | 215.9 | 24.5 | 14.4 | 19.0 | 321.9 | 323.7 | 0.3 | 55.7 | 23.5 | 51. | | |
| 30.6 | 79.3 | 8318.9 | 350.0 | -34.4 | -40.0 | 215.9 | 24.4 | 13.3 | 20.5 | 322.4 | 323.6 | 0.2 | 53.3 | 25.9 | 49. | | |
| 32.3 | 83.0 | 8832.9 | 325.0 | -38.3 | -44.1 | 212.9 | 24.4 | 14.7 | 22.8 | 324.0 | 324.8 | 0.2 | 53.3 | 28.3 | 48. | | |
| 33.9 | 87.0 | 9377.8 | 300.0 | -42.9 | -48.9 | 212.8 | 27.2 | 16.4 | 22.9 | 324.9 | 324.8 | 0.2 | 53.3 | 31.1 | 46. | | |
| 35.7 | 91.2 | 9958.0 | 275.0 | -48.0 | -54.0 | 218.9 | 29.3 | 18.4 | 22.8 | 325.8 | 324.8 | 0.2 | 53.3 | 34.8 | 46. | | |
| 37.6 | 95.5 | 10584.2 | 250.0 | -49.8 | -56.1 | 235.0 | 30.9 | 20.3 | 17.7 | 326.0 | 324.8 | 0.2 | 53.3 | 38.4 | 48. | | |
| 39.6 | 100.0 | 11269.7 | 225.0 | -52.3 | -59.9 | 242.9 | 34.2 | 23.4 | 15.8 | 328.4 | 324.8 | 0.2 | 53.3 | 42.0 | 49. | | |
| 41.8 | 105.0 | 12025.0 | 200.0 | -56.1 | -64.0 | 244.1 | 38.0 | 26.7 | 12.8 | 334.0 | 324.8 | 0.2 | 53.3 | 46.0 | 51. | | |
| 44.6 | 110.3 | 12868.4 | 175.0 | -58.0 | -68.4 | 246.7 | 32.4 | 27.7 | 9.3 | 334.2 | 324.8 | 0.2 | 53.3 | 50.0 | 52. | | |
| 48.1 | 116.0 | 13845.8 | 150.0 | -54.0 | -72.5 | 251.5 | 26.2 | 23.2 | 8.3 | 337.1 | 324.8 | 0.2 | 53.3 | 55.0 | 53. | | |
| 52.0 | 122.5 | 15012.4 | 125.0 | -58.4 | -76.4 | 250.3 | 24.6 | 22.2 | 8.3 | 339.2 | 324.8 | 0.2 | 53.3 | 61.4 | 55. | | |
| 56.4 | 130.0 | 16405.0 | 100.0 | -62.5 | -80.9 | 255.5 | 18.3 | 17.7 | 4.6 | 340.9 | 324.8 | 0.2 | 53.3 | 67.1 | 57. | | |
| 61.6 | 138.5 | 18168.9 | 75.0 | -64.3 | -84.3 | 247.2 | 8.7 | 5.3 | -1.5 | 348.1 | 324.8 | 0.2 | 53.3 | 71.5 | 58. | | |
| 68.1 | 148.5 | 20863.0 | 50.0 | -61.7 | -81.7 | 285.4 | 5.5 | 5.3 | -1.5 | 633.1 | 324.8 | 0.2 | 53.3 | 71.5 | 58. | | |
| 79.1 | 159.5 | 25050.6 | 25.0 | -52.8 | -99.9 | 135.3 | 2.7 | -1.9 | -1.9 | 633.1 | 324.8 | 0.2 | 53.3 | 69.8 | 57. | | |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
 ** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

STATION NO. 7
ENNIS, TEXAS
24 APRIL 1982
0002 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0 0 | 7 1 | 149 7 | 998 7 | 14 0 | 11 3 | 210 0 | 2 5 | 1 2 | 2 3 | 287 3 | 309 1 | 8 5 | 84 0 | 0 0 | 0 |
| 99 9 | 99 9 | 99 9 | 1000 0 | 99 9 | 99 9 | 999 9 | 99 9 | 99 9 | 99 9 | 99 9 | 99 9 | 99 9 | 999 9 | 999 9 | 999 9 |
| 0 7 | 9 3 | 351 2 | 975 0 | 10 8 | 8 8 | 999 9 | 99 9 | 99 9 | 99 9 | 286 0 | 304 8 | 7 3 | 97 2 | 999 9 | 999 9 |
| 1 7 | 11 6 | 567 7 | 950 0 | 9 3 | 8 4 | 999 9 | 99 9 | 99 9 | 99 9 | 286 6 | 305 5 | 7 3 | 94 8 | 999 9 | 999 9 |
| 2 5 | 13 9 | 788 6 | 925 0 | 7 7 | 6 9 | 185 9 | 5 6 | 0 6 | 5 6 | 287 1 | 304 7 | 6 8 | 92 0 | 0 8 | 333 |
| 3 3 | 16 4 | 1015 9 | 900 0 | 10 4 | 9 2 | 203 1 | 7 2 | 2 8 | 6 6 | 292 2 | 313 7 | 8 2 | 92 0 | 1 1 | 347 |
| 4 2 | 18 7 | 1250 2 | 875 0 | 8 6 | 5 9 | 197 3 | 8 3 | 2 5 | 7 9 | 292 8 | 313 6 | 6 7 | 83 0 | 1 4 | 358 |
| 5 2 | 21 2 | 1490 2 | 850 0 | 8 1 | 5 3 | 167 8 | 7 5 | -1 6 | 7 3 | 294 6 | 312 4 | 6 6 | 82 5 | 1 8 | 356 |
| 6 1 | 23 7 | 1736 6 | 825 0 | 8 0 | 5 3 | 179 6 | 6 4 | -0 0 | 6 4 | 297 1 | 313 0 | 5 8 | 71 5 | 2 2 | 357 |
| 7 1 | 26 2 | 1991 1 | 800 0 | 8 6 | -0 1 | 183 1 | 5 9 | 0 3 | 5 9 | 300 3 | 313 4 | 4 8 | 54 4 | 2 6 | 357 |
| 8 0 | 28 7 | 2253 1 | 775 0 | 7 2 | -0 1 | 220 4 | 6 2 | 4 0 | 4 8 | 301 5 | 315 4 | 4 9 | 60 1 | 2 8 | 359 |
| 9 0 | 31 2 | 2522 2 | 750 0 | 5 0 | 0 5 | 230 7 | 8 5 | 5 4 | 5 4 | 302 0 | 315 9 | 5 3 | 72 9 | 3 1 | 6 |
| 10 0 | 33 8 | 2798 2 | 725 0 | 3 0 | 1 5 | 239 8 | 10 0 | 5 0 | 5 0 | 302 7 | 316 9 | 5 3 | 72 9 | 3 5 | 13 |
| 11 1 | 36 5 | 3081 8 | 700 0 | 1 0 | -2 5 | 244 2 | 11 8 | 10 7 | 5 1 | 303 6 | 316 6 | 4 6 | 77 4 | 4 0 | 20 |
| 12 1 | 39 1 | 3373 4 | 675 0 | -1 2 | -3 3 | 248 5 | 13 3 | 12 4 | 4 9 | 304 4 | 317 1 | 4 5 | 85 6 | 4 6 | 27 |
| 13 3 | 41 9 | 3674 6 | 650 0 | -1 7 | -10 3 | 256 8 | 14 4 | 14 0 | 3 3 | 307 0 | 315 0 | 2 7 | 51 7 | 5 3 | 34 |
| 14 3 | 44 6 | 3985 9 | 625 0 | -3 6 | -15 9 | 262 0 | 15 9 | 15 8 | 2 2 | 308 4 | 313 8 | 1 8 | 37 7 | 6 0 | 41 |
| 15 5 | 47 4 | 4306 9 | 600 0 | -6 6 | -17 8 | 259 8 | 16 9 | 16 6 | 3 0 | 308 5 | 313 4 | 1 6 | 40 2 | 6 9 | 47 |
| 16 7 | 50 3 | 4638 1 | 575 0 | -8 8 | -21 4 | 251 3 | 18 3 | 17 3 | 5 9 | 309 7 | 313 5 | 0 5 | 35 0 | 8 1 | 52 |
| 17 8 | 53 2 | 4981 0 | 550 0 | -11 1 | -25 4 | 241 0 | 18 4 | 16 1 | 8 9 | 310 9 | 312 7 | 0 5 | 37 7 | 9 3 | 54 |
| 19 1 | 56 1 | 5326 1 | 525 0 | -14 2 | -30 6 | 234 0 | 17 7 | 14 3 | 10 4 | 311 4 | 314 3 | 0 3 | 37 7 | 10 7 | 54 |
| 20 5 | 59 3 | 5704 6 | 500 0 | -16 1 | -36 8 | 233 6 | 18 4 | 14 8 | 10 9 | 313 4 | 314 5 | 0 3 | 37 7 | 12 1 | 54 |
| 21 8 | 62 4 | 6090 2 | 475 0 | -17 6 | -41 5 | 235 5 | 20 1 | 16 5 | 11 4 | 316 2 | 316 5 | 0 2 | 37 7 | 13 7 | 54 |
| 23 3 | 65 6 | 6492 7 | 450 0 | -20 2 | -43 5 | 240 2 | 21 4 | 18 6 | 10 6 | 317 8 | 318 4 | 0 2 | 37 7 | 15 5 | 54 |
| 24 8 | 69 0 | 6913 2 | 425 0 | -23 8 | -46 3 | 239 2 | 24 8 | 21 3 | 12 7 | 318 5 | 319 0 | 0 1 | 37 7 | 17 6 | 55 |
| 26 3 | 72 3 | 7352 8 | 400 0 | -27 4 | -48 2 | 238 3 | 25 2 | 21 4 | 13 2 | 319 5 | 319 9 | 0 1 | 37 7 | 19 8 | 56 |
| 27 8 | 75 9 | 7813 9 | 375 0 | -30 8 | -51 0 | 237 4 | 25 5 | 21 5 | 13 7 | 320 8 | 321 2 | 0 1 | 37 7 | 22 2 | 56 |
| 29 4 | 79 4 | 8299 3 | 350 0 | -35 1 | -54 2 | 240 2 | 25 2 | 21 8 | 12 5 | 321 4 | 321 7 | 0 1 | 37 7 | 24 5 | 56 |
| 31 1 | 83 2 | 8811 6 | 325 0 | -38 9 | -57 0 | 240 5 | 24 9 | 21 7 | 12 3 | 323 1 | 323 3 | 0 0 | 37 7 | 27 0 | 56 |
| 32 9 | 87 2 | 9356 2 | 300 0 | -42 7 | -59 8 | 246 3 | 30 5 | 27 9 | 12 3 | 323 2 | 323 3 | 99 9 | 37 7 | 30 0 | 57 |
| 34 9 | 91 3 | 9940 6 | 275 0 | -45 5 | -59 8 | 253 3 | 35 7 | 34 2 | 10 2 | 323 4 | 323 4 | 99 9 | 37 7 | 32 8 | 59 |
| 37 0 | 95 7 | 10571 9 | 250 0 | -48 7 | -59 8 | 253 3 | 39 2 | 37 4 | 11 7 | 323 6 | 323 6 | 99 9 | 37 7 | 34 9 | 61 |
| 39 4 | 100 4 | 11258 8 | 225 0 | -52 3 | -59 8 | 251 1 | 37 2 | 37 4 | 12 7 | 323 6 | 323 6 | 99 9 | 37 7 | 36 7 | 61 |
| 41 8 | 105 4 | 12014 4 | 200 0 | -56 1 | -59 8 | 249 5 | 39 3 | 35 5 | 13 3 | 324 0 | 324 0 | 99 9 | 37 7 | 38 7 | 62 |
| 44 6 | 110 8 | 12862 4 | 175 0 | -59 8 | -59 8 | 241 8 | 37 9 | 35 5 | 15 8 | 324 0 | 324 0 | 99 9 | 37 7 | 40 7 | 63 |
| 47 6 | 116 5 | 13844 7 | 150 0 | -54 6 | -59 8 | 251 6 | 33 4 | 28 7 | 9 5 | 325 0 | 325 0 | 99 9 | 37 7 | 42 7 | 63 |
| 51 0 | 123 0 | 15003 1 | 125 0 | -58 1 | -59 8 | 253 9 | 30 3 | 28 7 | 7 9 | 326 0 | 326 0 | 99 9 | 37 7 | 44 7 | 64 |
| 55 0 | 130 3 | 16404 2 | 100 0 | -60 6 | -59 8 | 253 9 | 28 6 | 17 4 | 6 7 | 326 0 | 326 0 | 99 9 | 37 7 | 46 7 | 65 |
| 60 1 | 139 0 | 18171 6 | 75 0 | -63 3 | -59 8 | 258 2 | 18 7 | 8 5 | 1 8 | 326 0 | 326 0 | 99 9 | 37 7 | 48 7 | 65 |
| 66 9 | 149 0 | 20672 6 | 50 0 | -59 7 | -59 8 | 180 8 | 5 8 | 0 1 | 5 8 | 326 0 | 326 0 | 99 9 | 37 7 | 50 7 | 65 |
| 99 9 | 99 9 | 99 9 | 25 0 | 99 9 | 99 9 | 99 9 | 99 9 | 99 9 | 99 9 | 99 9 | 99 9 | 99 9 | 99 9 | 99 9 | 99 9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 ** BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
 ** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 7
ENNIS, TEXAS
24 APRIL 1982
2300 GMT

| TIME MIN | ONTC | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE NM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 7.3 | 149.7 | 996.3 | 14.0 | 12.0 | 120.0 | 2.0 | -1.7 | 1.0 | 287.5 | 310.3 | 8.9 | 88.0 | 0.0 | 0 |
| 99.9 | 99.9 | 99.9 | 1000.0 | 39.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.6 | 8.2 | 331.8 | 975.0 | 11.5 | 10.3 | 133.0 | 4.8 | -3.5 | 3.3 | 286.7 | 307.6 | 8.1 | 92.5 | 0.3 | 371 |
| 1.5 | 11.5 | 589.0 | 950.0 | 10.0 | 9.2 | 137.6 | 4.0 | -2.7 | 3.0 | 287.4 | 306.8 | 7.7 | 94.4 | 0.5 | 319 |
| 2.5 | 13.9 | 770.5 | 925.0 | 8.5 | 7.6 | 163.8 | 5.0 | -1.4 | 4.8 | 288.0 | 306.8 | 7.1 | 94.4 | 0.7 | 319 |
| 3.3 | 16.2 | 997.6 | 900.0 | 9.2 | 8.3 | 186.3 | 9.1 | 1.0 | 9.1 | 291.0 | 311.2 | 7.7 | 94.2 | 1.0 | 332 |
| 4.1 | 18.6 | 1231.6 | 875.0 | 8.7 | 7.1 | 182.7 | 10.5 | 0.5 | 10.5 | 292.8 | 312.1 | 7.3 | 89.9 | 1.5 | 344 |
| 5.0 | 21.1 | 1472.2 | 850.0 | 8.9 | 4.2 | 182.0 | 9.8 | 0.3 | 9.8 | 296.3 | 312.9 | 6.1 | 88.5 | 2.0 | 349 |
| 6.0 | 23.5 | 1720.3 | 825.0 | 8.9 | 3.0 | 194.8 | 9.8 | 2.5 | 9.5 | 298.0 | 313.9 | 5.8 | 66.7 | 2.6 | 352 |
| 7.0 | 25.9 | 1974.7 | 800.0 | 7.6 | 4.9 | 209.8 | 9.6 | 4.8 | 8.3 | 299.2 | 318.0 | 6.8 | 63.3 | 3.1 | 358 |
| 8.0 | 28.4 | 2235.7 | 775.0 | 5.1 | 4.2 | 224.0 | 9.9 | 6.9 | 7.1 | 299.3 | 317.7 | 6.7 | 63.5 | 3.5 | 4 |
| 8.9 | 30.8 | 2503.2 | 750.0 | 4.1 | 0.2 | 234.3 | 11.2 | 9.1 | 6.6 | 301.0 | 315.6 | 5.2 | 76.1 | 4.0 | 10 |
| 10.1 | 33.4 | 2779.3 | 725.0 | 4.2 | -2.4 | 243.0 | 13.5 | 12.0 | 6.1 | 304.1 | 316.9 | 4.4 | 82.1 | 4.6 | 18 |
| 11.2 | 35.0 | 3084.5 | 700.0 | 2.9 | -7.7 | 244.9 | 13.2 | 11.9 | 5.6 | 305.7 | 314.8 | 3.1 | 45.6 | 5.3 | 25 |
| 12.4 | 38.7 | 3358.2 | 675.0 | 0.7 | -7.6 | 248.3 | 13.1 | 12.0 | 5.2 | 306.4 | 315.9 | 3.2 | 43.5 | 6.0 | 31 |
| 13.5 | 41.2 | 3660.2 | 650.0 | -1.4 | -12.3 | 249.3 | 14.2 | 13.3 | 5.0 | 307.4 | 314.4 | 2.3 | 53.5 | 6.8 | 36 |
| 14.9 | 44.0 | 3971.0 | 625.0 | -4.1 | -22.8 | 247.6 | 16.0 | 14.8 | 6.7 | 307.8 | 310.9 | 1.0 | 21.7 | 7.8 | 41 |
| 16.1 | 46.7 | 4291.1 | 600.0 | -7.4 | -21.4 | 247.3 | 17.3 | 16.0 | 6.7 | 307.5 | 311.2 | 1.2 | 21.5 | 8.9 | 44 |
| 17.3 | 49.6 | 4631.4 | 575.0 | -9.0 | -39.8 | 255.3 | 17.8 | 17.2 | 4.5 | 307.5 | 310.2 | 0.2 | 6.1 | 10.1 | 47 |
| 18.7 | 52.4 | 4933.9 | 550.0 | -11.5 | -41.2 | 259.7 | 18.3 | 18.0 | 3.3 | 310.4 | 311.6 | 0.2 | 6.8 | 12.5 | 55 |
| 20.1 | 55.3 | 5238.3 | 525.0 | -14.5 | -42.9 | 263.8 | 18.9 | 18.8 | 1.8 | 312.1 | 312.5 | 0.1 | 6.5 | 14.2 | 57 |
| 21.6 | 58.3 | 5586.1 | 500.0 | -17.2 | -44.7 | 268.4 | 20.2 | 20.0 | 8.7 | 314.1 | 314.5 | 0.1 | 6.6 | 15.9 | 58 |
| 23.0 | 61.4 | 5936.7 | 475.0 | -19.3 | -47.0 | 274.7 | 21.8 | 23.2 | 9.0 | 316.5 | 316.8 | 0.1 | 6.6 | 18.0 | 59 |
| 24.5 | 64.5 | 6289.6 | 450.0 | -21.3 | -48.3 | 280.7 | 24.9 | 24.0 | 8.7 | 317.6 | 318.0 | 0.1 | 7.0 | 20.5 | 60 |
| 26.1 | 67.8 | 6638.4 | 425.0 | -24.5 | -50.3 | 287.7 | 28.3 | 26.5 | 9.8 | 319.3 | 319.6 | 0.1 | 7.3 | 22.9 | 61 |
| 27.7 | 71.0 | 6988.4 | 400.0 | -27.5 | -52.3 | 294.9 | 31.7 | 28.6 | 10.8 | 321.0 | 320.2 | 0.1 | 8.1 | 25.9 | 62 |
| 29.4 | 74.4 | 7337.2 | 375.0 | -31.5 | -54.6 | 297.9 | 35.3 | 27.6 | 12.3 | 322.7 | 322.9 | 0.0 | 9.1 | 28.6 | 63 |
| 31.1 | 78.0 | 7687.9 | 350.0 | -35.4 | -58.7 | 298.0 | 38.7 | 30.4 | 11.9 | 324.8 | 322.9 | 0.0 | 9.6 | 32.5 | 64 |
| 33.0 | 81.7 | 8034.2 | 325.0 | -39.1 | -59.9 | 298.0 | 42.0 | 30.4 | 10.1 | 326.2 | 322.9 | 0.0 | 9.9 | 36.2 | 64 |
| 34.9 | 85.5 | 8382.2 | 300.0 | -43.0 | -59.9 | 298.0 | 45.3 | 35.6 | 11.1 | 328.2 | 322.9 | 0.0 | 9.9 | 40.4 | 65 |
| 37.1 | 89.5 | 8730.5 | 275.0 | -48.3 | -59.9 | 298.0 | 48.7 | 37.8 | 12.8 | 331.4 | 322.9 | 0.0 | 9.9 | 45.3 | 66 |
| 39.1 | 93.6 | 9078.9 | 250.0 | -50.3 | -59.9 | 298.0 | 52.0 | 37.5 | 15.3 | 336.5 | 322.9 | 0.0 | 9.9 | 50.1 | 66 |
| 41.6 | 98.3 | 9427.3 | 225.0 | -53.5 | -59.9 | 298.0 | 55.3 | 34.6 | 14.2 | 347.0 | 322.9 | 0.0 | 9.9 | 54.9 | 66 |
| 44.2 | 103.2 | 9775.7 | 200.0 | -54.2 | -59.9 | 298.0 | 58.7 | 32.7 | 13.3 | 358.7 | 322.9 | 0.0 | 9.9 | 59.6 | 66 |
| 47.1 | 108.4 | 10124.0 | 175.0 | -55.8 | -59.9 | 298.0 | 62.0 | 28.0 | 12.3 | 373.9 | 322.9 | 0.0 | 9.9 | 64.3 | 66 |
| 50.2 | 114.0 | 10472.2 | 150.0 | -58.5 | -59.9 | 298.0 | 65.3 | 27.2 | 9.2 | 389.1 | 322.9 | 0.0 | 9.9 | 69.6 | 66 |
| 53.9 | 120.5 | 10820.5 | 125.0 | -62.1 | -59.9 | 298.0 | 68.7 | 20.5 | 5.3 | 407.7 | 322.9 | 0.0 | 9.9 | 75.8 | 67 |
| 58.3 | 127.7 | 11168.8 | 100.0 | -64.1 | -59.9 | 298.0 | 72.0 | 10.1 | -5.2 | 438.6 | 322.9 | 0.0 | 9.9 | 82.7 | 68 |
| 63.7 | 138.3 | 11517.1 | 75.0 | -60.1 | -59.9 | 298.0 | 75.3 | 0.6 | 3.6 | 501.9 | 322.9 | 0.0 | 9.9 | 87.8 | 68 |
| 70.8 | 146.0 | 11865.4 | 50.0 | -60.1 | -59.9 | 298.0 | 78.6 | 99.9 | 99.9 | 633.4 | 322.9 | 0.0 | 9.9 | 87.0 | 68 |
| 82.2 | 157.0 | 25033.3 | 25.0 | -52.6 | -59.9 | 298.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
** BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
*** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
*** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

STATION NO. 7
ENNIS, TEXAS
25 APRIL 1982
200 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO CM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 7.1 | 149.7 | 995.6 | 12.8 | 12.2 | 110.0 | 5.0 | -4.7 | 1.7 | 286.3 | 309.3 | 9.0 | 96.0 | 0.0 | 0.0 |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 110.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 399.9 |
| 0.6 | 9.1 | 325.5 | 975.0 | 11.9 | 11.2 | 141.4 | 6.4 | -4.0 | 5.0 | 287.1 | 309.2 | 8.6 | 95.7 | 0.2 | 327.0 |
| 1.5 | 11.4 | 542.8 | 950.0 | 10.1 | 9.3 | 157.3 | 8.7 | -3.3 | 8.0 | 287.4 | 307.5 | 7.8 | 95.2 | 0.7 | 327.0 |
| 2.3 | 13.6 | 764.6 | 925.0 | 9.4 | 8.6 | 182.1 | 10.3 | 0.4 | 10.3 | 288.9 | 308.7 | 7.6 | 94.8 | 1.1 | 335.0 |
| 3.1 | 16.1 | 992.6 | 900.0 | 9.5 | 8.7 | 195.6 | 12.5 | 3.4 | 12.2 | 292.4 | 314.7 | 8.5 | 94.9 | 1.6 | 349.0 |
| 3.9 | 18.5 | 1227.4 | 875.0 | 9.5 | 8.7 | 206.6 | 12.5 | 5.6 | 11.2 | 293.6 | 315.1 | 8.1 | 95.1 | 2.2 | 357.6 |
| 4.9 | 20.9 | 1468.3 | 850.0 | 9.2 | 8.3 | 219.8 | 10.9 | 6.9 | 8.3 | 295.8 | 317.6 | 8.2 | 94.5 | 2.7 | 36.0 |
| 5.8 | 23.4 | 1715.6 | 825.0 | 7.6 | 6.5 | 220.0 | 10.9 | 7.0 | 8.4 | 296.7 | 316.6 | 7.4 | 92.8 | 3.2 | 12.0 |
| 6.7 | 25.9 | 1969.1 | 800.0 | 6.4 | 5.6 | 218.6 | 11.2 | 7.0 | 8.8 | 297.9 | 317.4 | 6.0 | 94.9 | 3.7 | 16.0 |
| 7.6 | 28.4 | 2229.4 | 775.0 | 5.0 | 4.2 | 222.3 | 13.9 | 8.4 | 9.2 | 299.2 | 315.7 | 4.1 | 95.8 | 4.1 | 23.0 |
| 8.5 | 30.9 | 2497.2 | 750.0 | 3.5 | -3.2 | 232.3 | 14.1 | 11.8 | 8.5 | 301.9 | 314.5 | 3.9 | 95.8 | 5.0 | 28.0 |
| 9.5 | 33.5 | 2773.5 | 725.0 | 2.0 | -9.6 | 236.7 | 14.0 | 11.6 | 7.7 | 304.7 | 312.6 | 2.7 | 94.2 | 5.5 | 32.0 |
| 10.5 | 36.1 | 3057.5 | 700.0 | 2.0 | -9.6 | 236.7 | 14.0 | 11.6 | 8.5 | 305.5 | 308.8 | 1.0 | 91.4 | 6.5 | 35.0 |
| 11.6 | 38.8 | 3349.8 | 675.0 | -0.1 | -21.4 | 236.7 | 17.6 | 15.1 | 8.9 | 307.0 | 308.6 | 0.5 | 91.4 | 7.3 | 38.0 |
| 12.7 | 41.4 | 3650.5 | 650.0 | -2.5 | -22.9 | 239.2 | 18.1 | 15.2 | 8.2 | 309.5 | 310.8 | 0.4 | 91.0 | 8.3 | 40.0 |
| 13.7 | 44.2 | 3960.0 | 625.0 | -4.8 | -30.3 | 247.9 | 18.4 | 15.2 | 6.2 | 309.5 | 310.8 | 0.4 | 91.0 | 9.4 | 43.0 |
| 14.8 | 47.0 | 4280.0 | 600.0 | -6.1 | -31.8 | 256.3 | 15.5 | 15.1 | 3.7 | 310.2 | 311.2 | 0.3 | 91.0 | 10.4 | 45.0 |
| 15.9 | 49.8 | 4611.2 | 575.0 | -9.0 | -33.7 | 257.7 | 15.5 | 16.5 | 4.4 | 310.7 | 311.4 | 0.2 | 91.0 | 11.4 | 48.0 |
| 17.2 | 52.8 | 4953.4 | 550.0 | -11.7 | -36.1 | 255.0 | 17.1 | 17.4 | 5.5 | 310.7 | 311.4 | 0.2 | 91.0 | 12.4 | 51.0 |
| 18.5 | 55.7 | 5307.4 | 525.0 | -18.4 | -41.1 | 252.5 | 18.2 | 17.4 | 5.8 | 311.8 | 312.4 | 0.2 | 91.0 | 13.5 | 53.0 |
| 19.8 | 58.8 | 5673.9 | 500.0 | -21.2 | -43.6 | 253.6 | 20.5 | 19.7 | 6.8 | 314.8 | 315.3 | 0.1 | 91.0 | 14.6 | 55.0 |
| 21.1 | 61.9 | 6054.5 | 475.0 | -22.6 | -44.8 | 253.6 | 24.3 | 23.1 | 6.8 | 316.4 | 316.9 | 0.1 | 91.0 | 15.9 | 57.0 |
| 22.4 | 65.0 | 6452.7 | 450.0 | -25.4 | -46.9 | 256.1 | 24.3 | 23.6 | 6.2 | 317.9 | 318.3 | 0.1 | 91.0 | 17.2 | 58.0 |
| 23.8 | 68.0 | 6870.1 | 425.0 | -28.5 | -49.3 | 255.3 | 24.3 | 23.5 | 5.8 | 320.5 | 320.8 | 0.1 | 91.0 | 18.5 | 60.0 |
| 25.3 | 71.4 | 7307.5 | 400.0 | -31.1 | -51.1 | 251.3 | 27.9 | 26.5 | 9.0 | 321.0 | 321.3 | 0.1 | 91.0 | 19.9 | 62.0 |
| 26.9 | 75.0 | 7767.2 | 375.0 | -34.4 | -54.1 | 250.6 | 29.9 | 28.2 | 9.9 | 321.0 | 321.3 | 0.1 | 91.0 | 21.4 | 64.0 |
| 28.6 | 78.6 | 8252.3 | 350.0 | -39.6 | -59.9 | 251.9 | 32.4 | 30.8 | 10.1 | 322.1 | 322.1 | 99.9 | 99.9 | 22.9 | 66.0 |
| 30.3 | 82.3 | 8763.4 | 325.0 | -42.9 | -64.9 | 249.7 | 31.8 | 30.8 | 11.1 | 325.0 | 325.0 | 99.9 | 99.9 | 24.4 | 68.0 |
| 32.2 | 86.3 | 9307.1 | 300.0 | -45.3 | -69.9 | 249.6 | 32.4 | 30.4 | 11.3 | 329.6 | 329.6 | 99.9 | 99.9 | 26.0 | 70.0 |
| 34.3 | 90.5 | 9891.0 | 275.0 | -48.5 | -74.9 | 248.6 | 37.6 | 35.3 | 16.4 | 332.5 | 332.5 | 99.9 | 99.9 | 27.5 | 72.0 |
| 36.3 | 94.8 | 10520.9 | 250.0 | -51.1 | -79.9 | 248.6 | 38.6 | 35.1 | 16.4 | 337.2 | 337.2 | 99.9 | 99.9 | 29.0 | 74.0 |
| 38.6 | 99.4 | 11205.1 | 225.0 | -53.1 | -84.9 | 245.5 | 38.6 | 34.4 | 15.7 | 344.1 | 344.1 | 99.9 | 99.9 | 30.5 | 76.0 |
| 41.2 | 104.4 | 11959.2 | 200.0 | -55.6 | -89.9 | 245.4 | 38.9 | 31.0 | 13.7 | 358.1 | 358.1 | 99.9 | 99.9 | 32.0 | 78.0 |
| 44.1 | 109.8 | 12809.2 | 175.0 | -58.0 | -94.9 | 245.4 | 32.9 | 29.9 | 8.4 | 372.9 | 372.9 | 99.9 | 99.9 | 33.5 | 80.0 |
| 47.1 | 115.5 | 13789.6 | 150.0 | -56.4 | -99.9 | 254.9 | 32.1 | 31.0 | 7.5 | 393.5 | 393.5 | 99.9 | 99.9 | 35.0 | 82.0 |
| 50.8 | 122.0 | 14942.1 | 125.0 | -56.1 | -99.9 | 252.2 | 24.6 | 23.4 | 3.2 | 410.7 | 410.7 | 99.9 | 99.9 | 36.5 | 84.0 |
| 55.5 | 129.5 | 16350.8 | 100.0 | -60.6 | -99.9 | 259.0 | 17.0 | 16.7 | 2.4 | 438.1 | 438.1 | 99.9 | 99.9 | 38.0 | 86.0 |
| 60.7 | 137.7 | 18116.1 | 75.0 | -64.3 | -99.9 | 250.9 | 7.2 | 6.8 | 3.8 | 498.8 | 498.8 | 99.9 | 99.9 | 39.5 | 88.0 |
| 67.8 | 147.3 | 20602.9 | 50.0 | -61.4 | -99.9 | 225.3 | 5.4 | 3.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 41.0 | 90.0 |
| 99.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 8 AND 10 DEG
 ** BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 *** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
 **** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

ORIGINAL PAGE IS
OF POOR QUALITY

| STATION NO. 7 ENNIS, TEXAS 25 APRIL 1982 500 GMT | | | | | | | | | | | | | | 157 | 16 | 0 |
|-----------------------------------------------------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|---|
| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE NM | AZ DG | |
| 0 0 | 7.2 | 149.7 | 995.6 | 13.0 | 12.8 | 130.0 | 2.5 | -1.9 | 1.6 | 286.5 | 310.5 | 9.4 | 99.0 | 0.0 | 0 | |
| 0 9 | 9.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 130.0 | 2.5 | 99.9 | 99.9 | 286.5 | 310.5 | 99.9 | 99.9 | 0.0 | 99.9 | |
| 0 8 | 9.1 | 325.1 | 975.0 | 11.8 | 11.2 | 158.6 | 8.5 | -2.4 | 6.1 | 287.1 | 309.1 | 8.6 | 95.7 | 0.0 | 99.9 | |
| 1 5 | 11.4 | 543.0 | 950.0 | 11.5 | 10.8 | 172.7 | 8.2 | -1.0 | 8.1 | 288.8 | 311.0 | 8.6 | 95.3 | 0.0 | 99.9 | |
| 2 3 | 13.8 | 766.1 | 925.0 | 11.1 | 10.3 | 194.5 | 10.5 | 2.6 | 10.1 | 290.6 | 312.9 | 8.6 | 95.1 | 1.0 | 99.9 | |
| 3 3 | 16.2 | 995.6 | 900.0 | 11.3 | 10.6 | 205.5 | 11.5 | 4.9 | 10.4 | 293.2 | 315.7 | 9.0 | 95.1 | 1.8 | 99.9 | |
| 4 3 | 18.6 | 1231.0 | 875.0 | 10.1 | 9.3 | 215.2 | 13.3 | 7.7 | 10.9 | 294.2 | 316.6 | 8.4 | 94.8 | 2.2 | 99.9 | |
| 5 1 | 21.1 | 1472.0 | 850.0 | 9.0 | 8.2 | 219.1 | 14.6 | 9.2 | 11.4 | 295.6 | 317.1 | 8.1 | 94.5 | 2.9 | 99.9 | |
| 6 2 | 23.6 | 1719.1 | 825.0 | 7.2 | 6.4 | 221.3 | 13.6 | 9.0 | 10.2 | 296.2 | 318.0 | 7.4 | 94.5 | 3.8 | 99.9 | |
| 7 1 | 26.1 | 1972.6 | 800.0 | 6.6 | 6.0 | 229.5 | 13.3 | 10.1 | 8.8 | 298.4 | 318.4 | 7.4 | 94.5 | 4.5 | 99.9 | |
| 8 2 | 28.7 | 2233.2 | 775.0 | 5.1 | 0.4 | 238.6 | 12.8 | 11.0 | 6.7 | 299.3 | 313.7 | 7.2 | 94.5 | 5.2 | 99.9 | |
| 9 1 | 31.2 | 2501.5 | 750.0 | 5.6 | -11.2 | 235.8 | 14.9 | 12.3 | 6.4 | 302.6 | 309.1 | 7.2 | 94.5 | 5.9 | 99.9 | |
| 10 1 | 33.8 | 2778.1 | 725.0 | 4.3 | -23.0 | 240.1 | 15.0 | 13.0 | 7.5 | 304.2 | 306.8 | 7.2 | 94.5 | 6.6 | 99.9 | |
| 11 2 | 36.5 | 3062.4 | 700.0 | 2.2 | -25.1 | 245.9 | 15.0 | 13.7 | 6.1 | 305.0 | 307.3 | 7.2 | 94.5 | 7.7 | 99.9 | |
| 12 3 | 39.1 | 3354.6 | 675.0 | 0.2 | -27.7 | 250.8 | 15.9 | 15.0 | 5.2 | 305.9 | 308.2 | 7.2 | 94.5 | 8.5 | 99.9 | |
| 13 5 | 41.9 | 3656.4 | 650.0 | -1.2 | -29.1 | 254.3 | 16.5 | 15.4 | 5.7 | 307.5 | 309.6 | 7.2 | 94.5 | 9.6 | 99.9 | |
| 14 8 | 44.6 | 3957.7 | 625.0 | -3.6 | -29.1 | 254.3 | 16.9 | 15.2 | 5.7 | 308.4 | 310.2 | 7.2 | 94.5 | 10.8 | 99.9 | |
| 16 1 | 47.4 | 4288.5 | 600.0 | -8.3 | -31.3 | 243.1 | 18.4 | 14.6 | 7.4 | 308.8 | 310.4 | 7.2 | 94.5 | 12.1 | 99.9 | |
| 17 4 | 50.3 | 4619.2 | 575.0 | -9.4 | -33.7 | 244.3 | 18.4 | 14.5 | 7.0 | 309.0 | 310.3 | 7.2 | 94.5 | 13.4 | 99.9 | |
| 18 6 | 53.1 | 4960.8 | 550.0 | -12.1 | -36.4 | 243.2 | 16.1 | 14.5 | 7.0 | 309.0 | 310.3 | 7.2 | 94.5 | 14.7 | 99.9 | |
| 20 2 | 59.1 | 5314.7 | 525.0 | -17.5 | -40.5 | 247.8 | 19.5 | 16.4 | 4.6 | 309.8 | 310.8 | 7.2 | 94.5 | 15.9 | 99.9 | |
| 21 5 | 62.3 | 5682.0 | 500.0 | -20.5 | -42.8 | 247.8 | 19.5 | 18.1 | 5.1 | 310.5 | 311.5 | 7.2 | 94.5 | 17.4 | 99.9 | |
| 22 9 | 65.4 | 6064.1 | 475.0 | -23.4 | -44.5 | 248.0 | 19.9 | 18.4 | 7.3 | 311.7 | 312.5 | 7.2 | 94.5 | 18.0 | 99.9 | |
| 24 4 | 68.8 | 6461.7 | 450.0 | -26.0 | -46.8 | 247.1 | 20.9 | 19.5 | 7.5 | 312.6 | 313.2 | 7.2 | 94.5 | 19.0 | 99.9 | |
| 26 0 | 72.1 | 6877.9 | 425.0 | -29.4 | -49.2 | 246.0 | 22.1 | 20.3 | 8.5 | 315.7 | 316.2 | 7.2 | 94.5 | 20.7 | 99.9 | |
| 27 6 | 75.6 | 7313.8 | 400.0 | -32.4 | -49.2 | 246.0 | 23.4 | 21.4 | 9.5 | 316.8 | 317.1 | 7.2 | 94.5 | 22.8 | 99.9 | |
| 29 3 | 79.2 | 7772.2 | 375.0 | -36.1 | -51.7 | 246.8 | 25.8 | 23.7 | 10.2 | 318.6 | 318.9 | 7.2 | 94.5 | 24.9 | 99.9 | |
| 31 1 | 83.0 | 8235.0 | 350.0 | -40.2 | -54.4 | 247.7 | 28.2 | 26.1 | 10.7 | 320.0 | 320.3 | 7.2 | 94.5 | 27.4 | 99.9 | |
| 33 0 | 86.8 | 8764.4 | 325.0 | -44.4 | -59.9 | 249.5 | 27.6 | 25.5 | 9.6 | 321.3 | 321.8 | 7.2 | 94.5 | 30.4 | 99.9 | |
| 34 8 | 91.0 | 9305.6 | 300.0 | -48.0 | -64.3 | 247.6 | 27.6 | 25.5 | 10.5 | 322.8 | 323.3 | 7.2 | 94.5 | 33.5 | 99.9 | |
| 36 8 | 95.3 | 9884.2 | 275.0 | -50.1 | -69.9 | 247.6 | 30.6 | 27.7 | 13.0 | 325.6 | 326.1 | 7.2 | 94.5 | 36.9 | 99.9 | |
| 38 9 | 99.8 | 10510.1 | 250.0 | -53.3 | -74.9 | 244.8 | 34.1 | 30.7 | 14.7 | 331.7 | 332.3 | 7.2 | 94.5 | 40.8 | 99.9 | |
| 41 2 | 104.8 | 11193.7 | 225.0 | -55.8 | -79.9 | 244.6 | 38.0 | 34.4 | 16.3 | 336.8 | 337.4 | 7.2 | 94.5 | 45.1 | 99.9 | |
| 43 7 | 109.8 | 11947.3 | 200.0 | -55.4 | -84.3 | 245.8 | 37.7 | 34.4 | 15.5 | 344.4 | 345.0 | 7.2 | 94.5 | 50.1 | 99.9 | |
| 46 2 | 116.0 | 12788.5 | 175.0 | -55.4 | -89.9 | 251.3 | 33.6 | 31.8 | 10.8 | 358.6 | 359.2 | 7.2 | 94.5 | 55.8 | 99.9 | |
| 49 3 | 122.5 | 13784.7 | 150.0 | -55.7 | -94.9 | 255.0 | 30.5 | 29.4 | 7.9 | 374.2 | 374.8 | 7.2 | 94.5 | 61.2 | 99.9 | |
| 52 6 | 130.0 | 14949.7 | 125.0 | -60.9 | -99.9 | 259.2 | 25.1 | 24.7 | 4.7 | 395.8 | 396.4 | 7.2 | 94.5 | 67.5 | 99.9 | |
| 56 5 | 138.5 | 16358.0 | 100.0 | -64.3 | -99.9 | 264.3 | 19.9 | 19.9 | 2.5 | 410.1 | 410.7 | 7.2 | 94.5 | 74.1 | 99.9 | |
| 61 3 | 148.5 | 18120.9 | 75.0 | -69.9 | -99.9 | 269.9 | 15.0 | 15.0 | 99.9 | 438.1 | 438.7 | 7.2 | 94.5 | 80.4 | 99.9 | |
| 66 3 | 159.5 | 20019.8 | 50.0 | -74.9 | -99.9 | 274.7 | 5.6 | 5.0 | 99.9 | 500.0 | 500.6 | 7.2 | 94.5 | 86.1 | 99.9 | |
| 80 4 | 159.5 | 25020.9 | 25.0 | -83.5 | -99.9 | 38.0 | 5.0 | -3.1 | -4.0 | 631.2 | 631.8 | 7.2 | 94.5 | 91.8 | 99.9 | |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
** BY TEMP MEANS MISSING DATA STRAIGHTLY EXCEEDS 5 CONTACTS

STATION NO. 8
BROWNWOOD, TEXAS
24 APRIL 1982
1106 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT I LG K | E POT I DG K | MX RIO CM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 10.6 | 502.3 | 960.4 | 9.0 | 8.4 | 240.0 | 1.0 | 0.9 | 0.5 | 285.4 | 304.0 | 7.2 | 96.0 | 0 | 0 |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 0.4 | 11.6 | 592.5 | 975.0 | 7.7 | 7.4 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 1.2 | 14.0 | 812.0 | 925.0 | 6.0 | 5.6 | 999.9 | 99.9 | 99.9 | 99.9 | 285.1 | 302.7 | 6.8 | 97.6 | 999.9 | 999.9 |
| 1.9 | 16.4 | 1036.5 | 900.0 | 5.2 | 4.8 | 999.9 | 99.9 | 99.9 | 99.9 | 285.4 | 301.5 | 6.2 | 97.6 | 999.9 | 999.9 |
| 2.8 | 18.8 | 1268.1 | 875.0 | 7.5 | 7.0 | 999.9 | 99.9 | 99.9 | 99.9 | 286.9 | 302.6 | 6.0 | 96.6 | 999.9 | 999.9 |
| 3.7 | 21.3 | 1507.8 | 850.0 | 8.1 | 7.4 | 999.9 | 99.9 | 99.9 | 99.9 | 291.6 | 312.7 | 7.2 | 96.6 | 999.9 | 999.9 |
| 4.5 | 23.7 | 1754.6 | 825.0 | 7.5 | 7.0 | 999.9 | 99.9 | 99.9 | 99.9 | 294.5 | 315.0 | 7.7 | 96.6 | 999.9 | 999.9 |
| 5.4 | 26.2 | 2008.2 | 800.0 | 6.2 | 6.0 | 999.9 | 99.9 | 99.9 | 99.9 | 296.5 | 317.0 | 7.6 | 96.6 | 999.9 | 999.9 |
| 6.3 | 28.7 | 2268.6 | 775.0 | 5.2 | 5.0 | 999.9 | 99.9 | 99.9 | 99.9 | 297.8 | 317.2 | 7.2 | 96.6 | 999.9 | 999.9 |
| 7.5 | 31.2 | 2536.6 | 750.0 | 4.3 | 4.5 | 223.1 | 15.9 | 10.9 | 11.6 | 299.4 | 318.2 | 6.9 | 95.4 | 3.6 | 31 |
| 8.4 | 33.8 | 2812.3 | 725.0 | 2.6 | 3.6 | 228.4 | 13.2 | 9.9 | 11.2 | 301.3 | 319.5 | 6.6 | 95.2 | 4.7 | 34 |
| 9.5 | 36.4 | 3096.0 | 700.0 | 0.8 | 1.9 | 236.8 | 11.3 | 9.5 | 8.8 | 302.3 | 319.3 | 6.1 | 94.8 | 5.6 | 36 |
| 10.4 | 39.1 | 3387.2 | 675.0 | -2.0 | 0.2 | 262.4 | 9.9 | 9.8 | 6.2 | 303.4 | 319.0 | 5.6 | 95.5 | 6.3 | 37 |
| 11.5 | 41.8 | 3685.9 | 650.0 | -5.0 | -1.9 | 282.6 | 11.3 | 11.0 | 1.3 | 303.4 | 316.2 | 4.5 | 95.5 | 7.2 | 40 |
| 12.7 | 44.3 | 3995.0 | 625.0 | -7.3 | -10.3 | 274.5 | 13.6 | 13.5 | -1.1 | 303.4 | 307.6 | 1.4 | 95.5 | 8.2 | 44 |
| 13.8 | 47.2 | 4314.8 | 600.0 | -9.7 | -10.3 | 265.3 | 15.7 | 15.6 | -1.3 | 306.7 | 315.0 | 2.8 | 95.5 | 9.6 | 50 |
| 15.0 | 50.1 | 4645.2 | 575.0 | -11.6 | -10.9 | 254.8 | 17.3 | 16.7 | 4.3 | 307.6 | 316.9 | 3.1 | 90.7 | 10.9 | 57 |
| 16.3 | 53.0 | 4987.5 | 550.0 | -14.2 | -12.6 | 240.4 | 18.1 | 15.8 | 9.0 | 310.3 | 318.3 | 2.6 | 92.5 | 12.5 | 59 |
| 17.6 | 55.9 | 5342.5 | 525.0 | -16.4 | -15.5 | 999.9 | 99.9 | 99.9 | 99.9 | 311.3 | 318.0 | 2.2 | 90.0 | 12.5 | 58 |
| 18.9 | 58.9 | 5711.3 | 500.0 | -16.4 | -20.3 | 999.9 | 99.9 | 99.9 | 99.9 | 313.1 | 317.9 | 1.5 | 71.5 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 475.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 450.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 425.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 400.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 375.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 350.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 325.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 300.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 275.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 250.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 225.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 200.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 175.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 150.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 125.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 100.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 75.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 50.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
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| STATION NO. 8 BROWNWOOD, TEXAS | | | | | | | | | | | | | | | 155 12. 0 | |
|-----------------------------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|-----------|--|
| 24 APRIL 1982 1155 GMT | | | | | | | | | | | | | | | | |
| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG | |
| 0 0 | 10.2 | 502.3 | 960.0 | 9.0 | 8.2 | 180.0 | 0.0 | 0.0 | 0.0 | 285.5 | 303.9 | 7.2 | 95.0 | 0.0 | 0. | |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999. | |
| 0 4 | 11.1 | 589.1 | 950.0 | 8.0 | 7.5 | 195.4 | 1.2 | 1.2 | 4.4 | 285.3 | 303.0 | 6.9 | 96.6 | 0.1 | 58. | |
| 1 3 | 13.5 | 809.1 | 925.0 | 6.5 | 6.0 | 185.7 | 4.9 | 0.5 | 4.9 | 288.0 | 302.5 | 6.4 | 96.4 | 0.2 | 22. | |
| 2 1 | 15.8 | 1034.1 | 900.0 | 6.9 | 6.3 | 193.0 | 8.5 | 1.9 | 8.3 | 288.8 | 306.1 | 6.7 | 95.8 | 0.6 | 12. | |
| 3 0 | 18.3 | 1266.9 | 875.0 | 7.8 | 7.1 | 211.8 | 10.1 | 5.3 | 8.6 | 291.9 | 311.1 | 7.3 | 95.5 | 1.1 | 17. | |
| 3 9 | 20.6 | 1506.2 | 850.0 | 7.3 | 6.6 | 221.5 | 10.1 | 7.5 | 8.4 | 293.8 | 313.1 | 7.2 | 95.0 | 1.6 | 24. | |
| 4 8 | 23.1 | 1752.7 | 825.0 | 7.5 | 6.7 | 227.7 | 14.9 | 11.0 | 10.0 | 296.5 | 316.7 | 7.5 | 94.9 | 2.3 | 31. | |
| 5 7 | 25.5 | 2006.4 | 800.0 | 6.5 | 5.8 | 234.6 | 17.3 | 12.0 | 11.4 | 298.1 | 317.9 | 7.3 | 95.1 | 3.1 | 36. | |
| 6 6 | 28.0 | 2268.9 | 775.0 | 5.4 | 4.6 | 238.4 | 15.3 | 12.6 | 9.0 | 299.6 | 318.6 | 6.9 | 94.8 | 4.0 | 39. | |
| 7 7 | 30.6 | 2535.4 | 750.0 | 4.3 | 3.6 | 236.9 | 13.1 | 10.9 | 7.1 | 301.3 | 319.7 | 6.6 | 95.1 | 4.9 | 42. | |
| 8 6 | 33.1 | 2811.0 | 725.0 | 2.5 | 1.7 | 237.8 | 12.3 | 10.4 | 6.6 | 302.2 | 319.0 | 6.0 | 94.8 | 5.8 | 44. | |
| 9 6 | 35.7 | 3094.6 | 700.0 | 0.8 | 0.1 | 248.7 | 10.2 | 9.5 | 3.7 | 303.4 | 318.9 | 5.5 | 95.1 | 6.2 | 46. | |
| 10 8 | 38.3 | 3385.8 | 675.0 | -2.5 | -4.7 | 273.0 | 8.1 | 8.1 | -0.4 | 302.9 | 314.6 | 4.1 | 95.6 | 6.7 | 49. | |
| 11 9 | 41.0 | 3684.7 | 650.0 | -2.9 | -13.9 | 270.9 | 10.6 | 10.6 | -0.2 | 305.7 | 311.7 | 2.0 | 92.5 | 7.2 | 52. | |
| 12 1 | 43.8 | 3994.7 | 625.0 | -4.9 | -10.6 | 262.1 | 13.5 | 13.3 | 1.9 | 306.9 | 315.0 | 2.7 | 84.2 | 7.9 | 56. | |
| 13 4 | 46.5 | 4314.9 | 600.0 | -6.7 | -9.7 | 251.0 | 15.1 | 14.3 | 4.9 | 308.3 | 317.5 | 3.1 | 79.2 | 8.8 | 58. | |
| 14 3 | 49.3 | 4646.1 | 575.0 | -9.1 | -12.6 | 243.7 | 17.6 | 15.8 | 7.8 | 309.4 | 317.0 | 2.5 | 75.4 | 10.0 | 59. | |
| 15 4 | 52.1 | 4988.6 | 550.0 | -11.8 | -14.6 | 241.1 | 18.2 | 15.9 | 8.8 | 310.1 | 316.8 | 2.2 | 75.7 | 11.2 | 59. | |
| 16 6 | 55.1 | 5343.3 | 525.0 | -14.5 | -17.4 | 232.7 | 19.3 | 15.3 | 11.7 | 311.0 | 316.8 | 1.9 | 78.5 | 12.6 | 59. | |
| 17 9 | 58.1 | 5712.1 | 500.0 | -16.4 | -21.2 | 220.1 | 19.7 | 12.7 | 15.1 | 313.0 | 317.5 | 1.4 | 66.4 | 14.1 | 58. | |
| 19 2 | 61.3 | 6095.9 | 475.0 | -19.3 | -27.5 | 209.0 | 23.0 | 11.1 | 20.1 | 314.1 | 316.9 | 0.8 | 48.0 | 15.7 | 55. | |
| 20 6 | 64.4 | 6495.6 | 450.0 | -22.3 | -42.3 | 208.7 | 25.6 | 11.5 | 22.8 | 315.2 | 315.9 | 0.2 | 14.2 | 17.6 | 52. | |
| 22 0 | 67.7 | 6913.4 | 425.0 | -24.8 | -49.4 | 211.7 | 24.3 | 12.7 | 20.7 | 317.2 | 317.5 | 0.1 | 8.0 | 19.9 | 49. | |
| 23 6 | 71.1 | 7351.1 | 400.0 | -28.5 | -51.9 | 218.4 | 22.4 | 13.9 | 17.6 | 318.0 | 318.3 | 0.1 | 8.4 | 22.0 | 48. | |
| 25 2 | 74.6 | 7810.2 | 375.0 | -32.2 | -53.7 | 226.4 | 23.6 | 17.1 | 16.3 | 319.0 | 319.8 | 0.1 | 9.6 | 24.1 | 47. | |
| 26 8 | 78.1 | 8292.8 | 350.0 | -36.4 | -56.4 | 232.3 | 26.0 | 20.5 | 15.9 | 319.8 | 319.8 | 0.0 | 10.5 | 26.7 | 48. | |
| 28 5 | 81.9 | 8802.0 | 325.0 | -40.3 | -59.9 | 233.1 | 26.9 | 21.5 | 16.2 | 321.1 | 319.8 | 0.0 | 9.9 | 29.6 | 48. | |
| 30 3 | 85.7 | 9342.6 | 300.0 | -44.7 | -59.9 | 230.5 | 29.1 | 22.4 | 18.5 | 322.3 | 319.8 | 0.0 | 9.9 | 33.0 | 48. | |
| 32 4 | 89.7 | 9918.6 | 275.0 | -49.4 | -59.9 | 234.1 | 30.8 | 24.9 | 18.1 | 323.7 | 319.8 | 0.0 | 9.9 | 36.7 | 49. | |
| 34 7 | 94.0 | 10540.2 | 250.0 | -51.0 | -59.9 | 243.8 | 33.8 | 30.3 | 14.9 | 330.2 | 319.8 | 0.0 | 9.9 | 40.9 | 50. | |
| 36 1 | 98.6 | 11224.9 | 225.0 | -53.0 | -59.9 | 250.5 | 38.9 | 34.9 | 13.8 | 337.3 | 319.8 | 0.0 | 9.9 | 45.3 | 52. | |
| 39 1 | 103.6 | 11978.3 | 200.0 | -55.8 | -59.9 | 248.5 | 41.3 | 41.6 | 16.4 | 344.4 | 319.8 | 0.0 | 9.9 | 50.3 | 55. | |
| 42 0 | 108.8 | 12823.3 | 175.0 | -58.2 | -59.9 | 247.4 | 46.7 | 43.1 | 18.0 | 353.9 | 319.8 | 0.0 | 9.9 | 55.3 | 56. | |
| 44 7 | 114.7 | 13797.5 | 150.0 | -58.6 | -59.9 | 268.0 | 49.9 | 43.1 | 0.7 | 372.3 | 319.8 | 0.0 | 9.9 | 60.3 | 58. | |
| 46 1 | 119.7 | 14951.3 | 125.0 | -58.6 | -59.9 | 254.3 | 19.9 | 19.8 | 4.8 | 388.9 | 319.8 | 0.0 | 9.9 | 67.2 | 59. | |
| 52 2 | 121.3 | 16335.5 | 100.0 | -63.8 | -59.9 | 263.5 | 17.6 | 17.0 | 2.0 | 404.6 | 319.8 | 0.0 | 9.9 | 71.1 | 59. | |
| 56 5 | 127.7 | 18086.8 | 75.0 | -64.9 | -59.9 | 234.6 | 8.5 | 17.7 | 5.0 | 436.9 | 319.8 | 0.0 | 9.9 | 79.1 | 61. | |
| 62 3 | 137.5 | 20570.5 | 50.0 | -61.6 | -59.9 | 302.3 | 7.0 | 7.0 | -4.3 | 498.4 | 319.8 | 0.0 | 9.9 | 80.2 | 61. | |
| 69 8 | 147.5 | 24972.6 | 25.0 | -53.1 | -59.9 | 99.9 | 99.9 | 99.9 | 99.9 | 632.2 | 319.8 | 0.0 | 9.9 | 77.7 | 61. | |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 ** BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 *** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
 **** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 8
BROWNWOOD, TEXAS
24 APRIL 1982
1400 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE NM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 10.4 | 502.3 | 960.7 | 9.8 | 9.8 | 240.0 | 1.0 | 0.9 | 0.5 | 285.2 | 306.6 | 8.0 | 100.0 | 0.0 | 0 |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 |
| 0.4 | 11.4 | 595.1 | 950.0 | 7.5 | 6.7 | 206.7 | 4.1 | 1.1 | 4.0 | 284.8 | 301.6 | 6.5 | 94.5 | 0.1 | 85 |
| 1.3 | 13.7 | 814.7 | 925.0 | 6.2 | 5.5 | 206.7 | 6.3 | 2.8 | 5.7 | 285.6 | 301.6 | 6.2 | 95.7 | 0.3 | 45 |
| 2.1 | 16.4 | 1039.4 | 900.0 | 6.2 | 5.3 | 220.6 | 9.9 | 6.5 | 7.5 | 287.9 | 304.2 | 6.8 | 94.0 | 0.7 | 39 |
| 3.0 | 18.1 | 1271.4 | 875.0 | 7.0 | 6.1 | 231.2 | 11.0 | 8.5 | 6.9 | 291.1 | 309.1 | 6.8 | 94.2 | 1.3 | 42 |
| 3.9 | 20.7 | 1510.2 | 850.0 | 7.0 | 6.1 | 235.3 | 12.8 | 10.5 | 7.3 | 293.5 | 312.2 | 7.0 | 94.2 | 1.9 | 46 |
| 4.7 | 23.1 | 1756.1 | 825.0 | 6.8 | 5.9 | 233.9 | 14.1 | 11.4 | 8.3 | 295.8 | 314.9 | 7.1 | 94.2 | 2.6 | 48 |
| 5.7 | 25.5 | 2009.0 | 800.0 | 5.7 | 4.8 | 238.4 | 13.1 | 11.2 | 6.9 | 297.2 | 315.6 | 6.8 | 93.9 | 3.4 | 50 |
| 6.8 | 28.0 | 2268.7 | 775.0 | 4.6 | 3.6 | 240.9 | 11.5 | 10.0 | 5.6 | 298.7 | 316.4 | 6.4 | 93.7 | 4.2 | 52 |
| 7.9 | 30.5 | 2535.8 | 750.0 | 3.1 | 2.3 | 237.7 | 10.2 | 8.6 | 5.4 | 300.0 | 316.8 | 6.1 | 94.4 | 4.9 | 53 |
| 8.9 | 33.0 | 2810.2 | 725.0 | 1.7 | -1.1 | 239.0 | 10.8 | 9.3 | 5.6 | 301.3 | 315.1 | 4.9 | 81.5 | 5.5 | 54 |
| 10.0 | 35.5 | 3093.0 | 700.0 | 0.2 | -4.7 | 247.5 | 7.9 | 7.3 | 3.0 | 302.7 | 313.8 | 3.9 | 69.6 | 6.1 | 54 |
| 11.1 | 38.2 | 3383.8 | 675.0 | -0.8 | -21.5 | 259.1 | 7.5 | 7.3 | 1.4 | 304.8 | 308.0 | 1.0 | 39.1 | 6.6 | 56 |
| 12.2 | 41.0 | 3684.3 | 650.0 | -2.5 | -14.5 | 283.4 | 10.3 | 9.9 | 1.2 | 306.2 | 312.0 | 1.9 | 39.1 | 7.1 | 58 |
| 13.3 | 43.8 | 3984.4 | 625.0 | -5.1 | -12.1 | 260.0 | 12.3 | 12.1 | 2.1 | 308.6 | 313.9 | 2.4 | 58.1 | 7.8 | 60 |
| 14.5 | 46.7 | 4314.2 | 600.0 | -6.8 | -10.0 | 253.8 | 14.9 | 14.3 | 4.2 | 308.3 | 314.4 | 2.0 | 52.0 | 8.7 | 62 |
| 15.8 | 49.8 | 4644.8 | 575.0 | -9.7 | -18.7 | 251.0 | 14.6 | 13.8 | 4.8 | 308.6 | 313.3 | 1.5 | 47.9 | 9.8 | 63 |
| 17.1 | 52.9 | 4988.4 | 550.0 | -12.1 | -19.3 | 237.2 | 14.5 | 12.2 | 7.9 | 309.8 | 314.5 | 1.5 | 54.9 | 11.0 | 64 |
| 18.6 | 56.0 | 5341.4 | 525.0 | -14.0 | -22.7 | 222.2 | 18.3 | 12.3 | 13.6 | 311.7 | 315.4 | 1.2 | 57.2 | 12.3 | 62 |
| 20.0 | 59.1 | 5710.5 | 500.0 | -16.3 | -22.9 | 219.1 | 19.9 | 12.6 | 15.5 | 313.1 | 317.0 | 1.2 | 56.7 | 13.8 | 59 |
| 21.5 | 62.4 | 6095.0 | 475.0 | -18.3 | -41.7 | 230.9 | 19.4 | 15.0 | 12.2 | 315.3 | 316.1 | 0.2 | 10.6 | 15.6 | 57 |
| 23.2 | 65.8 | 6495.7 | 450.0 | -21.1 | -43.9 | 239.7 | 19.2 | 16.6 | 9.7 | 316.7 | 317.3 | 0.2 | 10.8 | 17.6 | 57 |
| 25.0 | 69.1 | 6915.5 | 425.0 | -24.7 | -46.5 | 237.8 | 21.2 | 18.0 | 11.3 | 317.3 | 317.8 | 0.1 | 11.0 | 19.6 | 58 |
| 26.8 | 72.7 | 7384.4 | 400.0 | -27.7 | -48.8 | 231.6 | 22.4 | 17.5 | 13.9 | 319.0 | 319.4 | 0.1 | 11.2 | 22.0 | 57 |
| 28.4 | 76.3 | 7815.0 | 375.0 | -31.3 | -51.5 | 231.6 | 23.8 | 18.7 | 14.8 | 320.2 | 320.6 | 0.1 | 11.4 | 24.3 | 56 |
| 30.3 | 80.1 | 8299.3 | 350.0 | -35.7 | -55.0 | 237.6 | 22.3 | 18.8 | 11.9 | 320.6 | 320.9 | 0.1 | 11.7 | 26.9 | 56 |
| 32.1 | 84.1 | 8810.9 | 325.0 | -39.7 | -59.9 | 237.0 | 20.0 | 16.8 | 10.9 | 321.9 | 321.9 | 99.9 | 99.9 | 29.0 | 57 |
| 34.1 | 88.2 | 9333.7 | 300.0 | -43.7 | -64.7 | 236.9 | 21.8 | 18.3 | 11.9 | 323.8 | 323.8 | 99.9 | 99.9 | 31.6 | 57 |
| 36.3 | 92.6 | 9933.7 | 275.0 | -47.7 | -69.9 | 241.7 | 22.1 | 19.4 | 10.5 | 326.1 | 326.1 | 99.9 | 99.9 | 34.5 | 57 |
| 38.6 | 97.2 | 10556.7 | 250.0 | -51.4 | -74.9 | 252.9 | 28.3 | 27.1 | 8.3 | 329.7 | 329.7 | 99.9 | 99.9 | 37.7 | 58 |
| 41.3 | 102.2 | 11200.6 | 225.0 | -55.0 | -79.9 | 257.9 | 35.9 | 35.2 | 7.5 | 338.7 | 338.7 | 99.9 | 99.9 | 42.7 | 60 |
| 43.9 | 107.2 | 11997.7 | 200.0 | -58.0 | -84.9 | 255.3 | 38.4 | 37.1 | 9.7 | 345.7 | 345.7 | 99.9 | 99.9 | 48.7 | 62 |
| 46.8 | 112.7 | 12845.4 | 175.0 | -57.2 | -89.9 | 249.4 | 36.6 | 34.3 | 12.9 | 355.5 | 355.5 | 99.9 | 99.9 | 54.9 | 63 |
| 50.3 | 118.8 | 13823.0 | 150.0 | -57.3 | -94.9 | 251.3 | 27.2 | 25.8 | 8.7 | 374.2 | 374.2 | 99.9 | 99.9 | 61.5 | 64 |
| 54.3 | 125.5 | 14983.3 | 125.0 | -57.3 | -99.9 | 251.6 | 24.6 | 23.3 | 7.8 | 391.2 | 391.2 | 99.9 | 99.9 | 67.9 | 64 |
| 59.3 | 133.0 | 16380.7 | 100.0 | -61.0 | -104.9 | 262.2 | 20.9 | 20.7 | 2.8 | 409.9 | 409.9 | 99.9 | 99.9 | 74.9 | 66 |
| 65.1 | 141.5 | 18138.8 | 75.0 | -65.0 | -109.9 | 263.7 | 10.2 | 4.1 | 9.3 | 436.6 | 436.6 | 99.9 | 99.9 | 78.9 | 66 |
| 72.2 | 151.0 | 20634.2 | 50.0 | -60.5 | -114.9 | 350.0 | 4.4 | 9.8 | -4.4 | 501.0 | 501.0 | 99.9 | 99.9 | 79.9 | 66 |
| 84.3 | 161.5 | 25058.2 | 25.0 | -52.7 | -119.9 | 293.6 | 5.7 | 5.2 | -2.3 | 634.0 | 634.0 | 99.9 | 99.9 | 76.8 | 66 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

** BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

*** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

**** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 8
BROWNWOOD, TEXAS
24 APRIL 1982
1700 GMT

| TIME MIN | ONTOT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RIO CM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 10.7 | 502.3 | 960.0 | 13.9 | 11.1 | 180.0 | 4.0 | 0.0 | 4.0 | 290.4 | 313.0 | 8.7 | 83.0 | 0.0 | 0.0 |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.3 | 11.6 | 590.1 | 950.0 | 11.9* | 99.9 | 146.0 | 3.9 | -2.2 | 3.2 | 289.9 | 99.9 | 99.9 | 99.9 | 0.1 | 44.0 |
| 1.0 | 14.0 | 811.8 | 925.0 | 8.2 | 7.5 | 173.9 | 3.3 | -0.3 | 3.2 | 287.7 | 306.1 | 7.1 | 95.6 | 0.2 | 358.0 |
| 1.8 | 16.4 | 1038.9 | 900.0 | 8.8 | 7.7 | 99.9 | 99.9 | 99.9 | 99.9 | 290.6 | 308.9 | 7.4 | 92.8 | 99.9 | 99.9 |
| 2.7 | 18.7 | 1272.5 | 875.0 | 8.7 | 7.9 | 99.9 | 99.9 | 99.9 | 99.9 | 292.9 | 313.2 | 7.7 | 94.6 | 99.9 | 99.9 |
| 3.6 | 21.1 | 1512.9 | 850.0 | 8.5 | 7.7 | 99.9 | 99.9 | 99.9 | 99.9 | 295.1 | 315.9 | 7.8 | 94.5 | 99.9 | 99.9 |
| 4.5 | 23.5 | 1759.6 | 825.0 | 8.4 | 7.7 | 99.9 | 99.9 | 99.9 | 99.9 | 295.8 | 314.9 | 7.8 | 94.2 | 99.9 | 99.9 |
| 5.5 | 26.0 | 2013.7 | 800.0 | 8.4 | 4.9 | 99.9 | 99.9 | 99.9 | 99.9 | 300.9 | 318.5 | 6.8 | 78.9 | 99.9 | 99.9 |
| 6.5 | 28.5 | 2275.9 | 775.0 | 8.4 | 3.4 | 99.9 | 99.9 | 99.9 | 99.9 | 300.9 | 318.5 | 6.4 | 80.3 | 99.9 | 99.9 |
| 7.5 | 31.0 | 2544.4 | 750.0 | 5.0 | 2.7 | 99.9 | 99.9 | 99.9 | 99.9 | 302.1 | 319.4 | 6.2 | 84.8 | 99.9 | 99.9 |
| 8.6 | 33.6 | 2821.4 | 725.0 | 4.2 | -1.9 | 99.9 | 99.9 | 99.9 | 99.9 | 304.0 | 317.2 | 4.0 | 84.6 | 99.9 | 99.9 |
| 9.7 | 36.1 | 3106.1 | 700.0 | 2.4 | -4.1 | 99.9 | 99.9 | 99.9 | 99.9 | 305.2 | 316.9 | 3.7 | 82.1 | 99.9 | 99.9 |
| 10.9 | 38.8 | 3399.0 | 675.0 | -0.1 | -5.6 | 99.9 | 99.9 | 99.9 | 99.9 | 305.6 | 316.5 | 3.4 | 82.1 | 99.9 | 99.9 |
| 12.0 | 41.4 | 3700.4 | 650.0 | -2.3 | -7.2 | 99.9 | 99.9 | 99.9 | 99.9 | 306.3 | 315.4 | 2.5 | 82.1 | 99.9 | 99.9 |
| 13.2 | 44.2 | 4011.1 | 625.0 | -4.0 | -11.6 | 99.9 | 99.9 | 99.9 | 99.9 | 307.3 | 315.5 | 2.1 | 82.1 | 99.9 | 99.9 |
| 14.4 | 46.9 | 4331.8 | 600.0 | -5.5 | -14.6 | 99.9 | 99.9 | 99.9 | 99.9 | 308.0 | 314.9 | 2.0 | 82.1 | 99.9 | 99.9 |
| 15.6 | 49.8 | 4682.7 | 575.0 | -6.5 | -15.4 | 99.9 | 99.9 | 99.9 | 99.9 | 308.5 | 314.7 | 2.0 | 82.1 | 99.9 | 99.9 |
| 16.8 | 52.6 | 5004.2 | 550.0 | -7.8 | -17.8 | 245.3 | 18.0 | 16.4 | 7.5 | 308.5 | 314.5 | 1.7 | 63.6 | 10.2 | 61.0 |
| 18.2 | 55.8 | 5357.8 | 525.0 | -14.9 | -24.4 | 249.8 | 20.1 | 18.8 | 7.1 | 309.1 | 313.8 | 1.0 | 65.1 | 11.6 | 62.0 |
| 19.6 | 58.6 | 5725.1 | 500.0 | -17.4 | -36.8 | 247.4 | 20.3 | 19.1 | 7.0 | 310.5 | 313.0 | 0.3 | 44.2 | 13.3 | 63.0 |
| 21.0 | 61.8 | 6108.8 | 475.0 | -18.3 | -39.6 | 246.7 | 23.2 | 18.8 | 7.8 | 311.9 | 318.2 | 0.3 | 16.9 | 15.0 | 63.0 |
| 22.4 | 64.9 | 6510.4 | 450.0 | -20.9 | -41.8 | 247.0 | 25.1 | 23.1 | 9.2 | 315.3 | 318.2 | 0.2 | 13.2 | 16.8 | 64.0 |
| 24.0 | 68.1 | 6930.8 | 425.0 | -23.8 | -44.0 | 247.3 | 26.6 | 24.5 | 10.3 | 317.0 | 317.8 | 0.2 | 12.5 | 18.9 | 64.0 |
| 25.5 | 71.4 | 7370.7 | 400.0 | -27.1 | -48.6 | 244.6 | 28.8 | 25.3 | 11.1 | 318.5 | 320.3 | 0.1 | 13.8 | 21.7 | 64.0 |
| 27.2 | 75.0 | 7832.2 | 375.0 | -30.8 | -48.5 | 244.6 | 24.6 | 25.3 | 11.1 | 319.8 | 320.3 | 0.1 | 13.8 | 23.7 | 65.0 |
| 28.9 | 78.6 | 8318.1 | 350.0 | -34.7 | -52.6 | 246.3 | 27.0 | 24.7 | 10.8 | 320.8 | 321.2 | 0.1 | 13.8 | 26.2 | 65.0 |
| 30.7 | 82.3 | 8831.1 | 325.0 | -39.1 | -59.9 | 247.7 | 25.4 | 24.7 | 10.9 | 321.9 | 322.2 | 0.1 | 14.1 | 28.9 | 65.0 |
| 32.7 | 86.2 | 9375.8 | 300.0 | -42.6 | -66.6 | 250.1 | 23.7 | 23.5 | 9.6 | 322.8 | 322.2 | 99.9 | 99.9 | 31.8 | 65.0 |
| 34.7 | 90.2 | 9959.6 | 275.0 | -45.1 | -73.9 | 260.5 | 23.3 | 22.4 | 8.1 | 325.4 | 322.2 | 99.9 | 99.9 | 34.5 | 65.0 |
| 36.9 | 94.5 | 10591.5 | 250.0 | -48.4 | -81.2 | 263.8 | 39.3 | 39.0 | 5.6 | 329.9 | 322.2 | 99.9 | 99.9 | 37.9 | 66.0 |
| 39.2 | 99.0 | 11280.0 | 225.0 | -52.2 | -89.9 | 260.2 | 42.0 | 41.3 | 4.3 | 334.2 | 322.2 | 99.9 | 99.9 | 42.3 | 68.0 |
| 41.7 | 104.0 | 12037.2 | 200.0 | -55.1 | -99.9 | 259.8 | 37.8 | 37.2 | 7.1 | 338.5 | 322.2 | 99.9 | 99.9 | 48.3 | 70.0 |
| 44.2 | 109.3 | 12884.2 | 175.0 | -57.6 | -109.9 | 253.8 | 32.5 | 32.2 | 6.7 | 345.5 | 322.2 | 99.9 | 99.9 | 53.9 | 71.0 |
| 47.1 | 115.0 | 13859.2 | 150.0 | -57.1 | -119.9 | 250.3 | 27.2 | 26.6 | 10.4 | 354.9 | 322.2 | 99.9 | 99.9 | 59.9 | 71.0 |
| 50.6 | 121.5 | 15021.8 | 125.0 | -54.8 | -129.9 | 251.0 | 30.9 | 30.6 | 11.0 | 371.8 | 322.2 | 99.9 | 99.9 | 65.5 | 71.0 |
| 54.6 | 129.0 | 16426.4 | 100.0 | -60.5 | -139.9 | 258.5 | 13.9 | 13.6 | 10.0 | 395.7 | 322.2 | 99.9 | 99.9 | 72.3 | 71.0 |
| 59.5 | 137.3 | 18197.2 | 75.0 | -64.2 | -149.9 | 240.2 | 9.0 | 7.8 | 2.8 | 410.8 | 322.2 | 99.9 | 99.9 | 77.3 | 72.0 |
| 66.6 | 147.5 | 20705.5 | 50.0 | -60.7 | -160.7 | 99.4 | 3.6 | -3.5 | 4.5 | 500.4 | 322.2 | 99.9 | 99.9 | 81.9 | 71.0 |
| 78.0 | 158.5 | 25142.5 | 25.0 | -49.9 | -199.9 | 230.3 | 45.7 | 4.4 | 3.7 | 641.3 | 322.2 | 99.9 | 99.9 | 80.4 | 71.0 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 ** BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 *** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
 **** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

STATION NO. 8
BROWNWOOD, TEXAS
24 APRIL 1982
2000 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 10.7 | 502.3 | 957.3 | 15.1 | 12.8 | 200.0 | 4.0 | 1.4 | 3.8 | 291.9 | 317.3 | 9.8 | 86.0 | 0.0 | 0.0 |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 0.3 | 11.4 | 587.1 | 950.0 | 13.3 | 10.6 | 169.4 | 8.9 | -1.6 | 8.8 | 290.7 | 312.9 | 8.5 | 84.1 | 0.1 | 1.1 |
| 1.2 | 13.8 | 790.7 | 925.0 | 10.7 | 9.2 | 186.0 | 9.4 | 1.0 | 9.0 | 290.2 | 310.3 | 8.0 | 90.7 | 0.6 | 358.0 |
| 2.1 | 16.3 | 1018.9 | 900.0 | 8.9 | 7.9 | 195.5 | 9.5 | 2.5 | 9.2 | 290.2 | 310.3 | 7.5 | 93.7 | 1.0 | 6.0 |
| 2.9 | 18.8 | 1252.1 | 875.0 | 7.9 | 6.9 | 218.6 | 9.5 | 5.9 | 9.2 | 290.2 | 310.3 | 7.2 | 93.5 | 1.5 | 9.0 |
| 3.8 | 21.3 | 1433.1 | 850.0 | 10.7 | 5.4 | 245.0 | 9.8 | 8.9 | 7.4 | 287.4 | 315.6 | 6.7 | 69.7 | 1.9 | 21.0 |
| 4.7 | 23.8 | 1742.2 | 825.0 | 10.8 | 4.2 | 244.9 | 10.4 | 9.4 | 4.4 | 300.0 | 317.5 | 6.3 | 63.9 | 2.3 | 31.0 |
| 5.9 | 26.5 | 1988.5 | 800.0 | 9.2 | 2.8 | 229.0 | 9.8 | 7.4 | 6.5 | 301.0 | 317.5 | 5.9 | 54.0 | 3.0 | 38.0 |
| 6.9 | 28.8 | 2261.5 | 775.0 | 8.3 | 0.9 | 227.1 | 9.8 | 7.2 | 6.5 | 302.7 | 317.6 | 5.3 | 59.4 | 3.5 | 38.0 |
| 7.8 | 31.4 | 2532.1 | 750.0 | 6.9 | -0.9 | 237.3 | 10.3 | 8.7 | 5.6 | 304.5 | 317.7 | 4.8 | 57.4 | 4.1 | 40.0 |
| 8.8 | 34.1 | 2809.7 | 725.0 | 4.6 | -2.4 | 248.0 | 10.0 | 9.1 | 4.1 | 304.5 | 317.7 | 4.4 | 60.5 | 4.6 | 43.0 |
| 9.8 | 36.8 | 3094.7 | 700.0 | 1.9 | -3.1 | 248.8 | 11.1 | 10.2 | 4.4 | 304.6 | 317.2 | 4.4 | 69.5 | 5.2 | 46.0 |
| 11.0 | 39.4 | 3387.1 | 675.0 | -0.5 | -4.5 | 247.4 | 12.7 | 11.7 | 4.9 | 305.1 | 316.9 | 4.1 | 74.7 | 6.0 | 43.0 |
| 12.3 | 42.2 | 3687.8 | 650.0 | -2.8 | -11.0 | 248.8 | 14.3 | 13.3 | 5.2 | 305.8 | 313.4 | 2.5 | 52.9 | 7.0 | 52.0 |
| 13.7 | 45.0 | 3987.6 | 625.0 | -4.8 | -12.9 | 245.2 | 17.4 | 15.8 | 7.3 | 307.3 | 313.8 | 2.3 | 53.1 | 8.2 | 54.0 |
| 15.1 | 47.8 | 4317.3 | 600.0 | -7.7 | -16.3 | 245.2 | 19.9 | 18.2 | 8.0 | 307.3 | 312.7 | 1.8 | 49.7 | 9.8 | 56.0 |
| 16.7 | 50.8 | 4646.9 | 575.0 | -9.6 | -34.4 | 253.7 | 18.4 | 17.7 | 5.2 | 308.7 | 308.9 | 0.4 | 11.5 | 11.6 | 58.0 |
| 18.1 | 53.7 | 4989.3 | 550.0 | -11.5 | -37.0 | 260.7 | 19.3 | 19.1 | 3.1 | 310.5 | 311.5 | 0.3 | 9.9 | 13.1 | 60.0 |
| 19.4 | 56.6 | 5344.0 | 525.0 | -14.3 | -38.7 | 257.6 | 20.6 | 20.2 | 4.4 | 311.3 | 312.2 | 0.3 | 10.4 | 14.6 | 62.0 |
| 20.7 | 59.6 | 5712.1 | 500.0 | -17.2 | -40.6 | 255.0 | 20.4 | 19.7 | 5.3 | 312.1 | 312.9 | 0.2 | 11.0 | 16.2 | 64.0 |
| 22.2 | 62.8 | 6094.3 | 475.0 | -20.1 | -42.8 | 256.5 | 22.7 | 22.1 | 5.3 | 313.1 | 313.8 | 0.2 | 11.0 | 18.0 | 66.0 |
| 23.8 | 66.0 | 6493.6 | 450.0 | -21.8 | -44.3 | 258.2 | 27.4 | 26.8 | 5.6 | 315.8 | 316.4 | 0.2 | 11.0 | 20.4 | 68.0 |
| 25.5 | 69.4 | 6911.6 | 425.0 | -25.0 | -46.7 | 255.2 | 30.1 | 29.1 | 7.7 | 316.9 | 317.4 | 0.1 | 11.3 | 23.0 | 68.0 |
| 26.9 | 72.7 | 7349.7 | 400.0 | -28.0 | -49.0 | 253.7 | 34.6 | 33.2 | 9.7 | 318.6 | 319.0 | 0.1 | 11.3 | 25.8 | 68.0 |
| 28.4 | 76.3 | 7809.6 | 375.0 | -31.7 | -51.7 | 253.3 | 33.2 | 31.8 | 9.5 | 319.7 | 320.0 | 0.1 | 11.7 | 29.1 | 69.0 |
| 30.2 | 80.0 | 8283.8 | 350.0 | -35.1 | -53.9 | 252.3 | 32.3 | 30.8 | 9.9 | 321.4 | 321.7 | 0.1 | 12.5 | 32.4 | 69.0 |
| 32.0 | 83.7 | 8807.6 | 325.0 | -38.2 | -56.3 | 254.0 | 39.7 | 38.1 | 10.9 | 324.1 | 324.3 | 0.1 | 12.6 | 36.3 | 70.0 |
| 33.8 | 87.7 | 9334.5 | 300.0 | -41.6 | -59.9 | 257.1 | 37.0 | 36.1 | 8.3 | 326.8 | 326.9 | 99.9 | 999.9 | 40.5 | 70.0 |
| 35.8 | 91.8 | 9939.9 | 275.0 | -45.0 | -63.3 | 257.5 | 42.9 | 41.8 | 9.3 | 330.0 | 330.0 | 99.9 | 999.9 | 45.1 | 71.0 |
| 37.7 | 96.2 | 10571.0 | 250.0 | -48.8 | -66.7 | 256.1 | 44.8 | 43.5 | 10.7 | 333.5 | 333.5 | 99.9 | 999.9 | 50.3 | 72.0 |
| 39.9 | 100.8 | 11256.9 | 225.0 | -52.1 | -69.9 | 255.2 | 40.6 | 39.3 | 10.4 | 338.6 | 338.6 | 99.9 | 999.9 | 55.9 | 72.0 |
| 42.1 | 105.8 | 12013.7 | 200.0 | -55.2 | -72.8 | 258.1 | 39.7 | 39.7 | 8.4 | 345.3 | 345.3 | 99.9 | 999.9 | 61.1 | 72.0 |
| 44.7 | 111.2 | 12860.8 | 175.0 | -58.0 | -75.9 | 258.1 | 35.7 | 34.0 | 11.1 | 357.5 | 357.5 | 99.9 | 999.9 | 67.6 | 73.0 |
| 47.4 | 117.0 | 13849.8 | 150.0 | -53.2 | -79.9 | 252.6 | 32.8* | 31.3 | 9.8 | 368.4 | 368.4 | 99.9 | 999.9 | 72.8 | 73.0 |
| 50.7 | 123.7 | 15010.3 | 125.0 | -57.8 | -83.9 | 252.3 | 30.1* | 28.6 | 9.2 | 390.3 | 390.3 | 99.9 | 999.9 | 79.3 | 73.0 |
| 54.5 | 131.0 | 16407.8 | 100.0 | -60.1 | -87.9 | 254.9 | 19.6 | 18.9 | 5.1 | 411.6 | 411.6 | 99.9 | 999.9 | 85.2 | 73.0 |
| 59.5 | 140.0 | 18182.1 | 75.0 | -62.3 | -91.9 | 251.6 | 9.0 | 8.6 | 2.9 | 442.3 | 442.3 | 99.9 | 999.9 | 89.1 | 73.0 |
| 66.4 | 150.0 | 20689.1 | 50.0 | -60.1 | -95.9 | 203.1 | 8.1 | 3.2 | 7.4 | 501.9 | 501.9 | 99.9 | 999.9 | 90.0 | 73.0 |
| 77.8 | 161.0 | 25120.2 | 25.0 | -50.1 | -99.9 | 285.1 | 7.8 | 7.8 | 0.7 | 640.5 | 640.5 | 99.9 | 999.9 | 89.8 | 72.0 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 ** BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 *** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
 **** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 8
BROWNWOOD, TEXAS
24 APRIL 1982
2300 GMT

| TIME MIN | CHTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO CM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 11.0 | 502.3 | 955.3 | 15.4 | 11.8 | 240.0 | 2.0 | 1.7 | 1.0 | 292.4 | 316.3 | 9.1 | 79.0 | 0.0 | 0. |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 0.2 | 11.5 | 549.6 | 950.0 | 14.5 | 12.3 | 176.7 | 7.5 | -0.4 | 7.5 | 291.9 | 316.7 | 9.5 | 86.5 | 0.1 | 25. |
| 1.0 | 13.8 | 774.8 | 925.0 | 12.4 | 11.4 | 180.0 | 7.6 | -0.0 | 7.6 | 292.0 | 316.0 | 9.2 | 93.0 | 0.4 | 8. |
| 2.8 | 16.2 | 1004.4 | 900.0 | 10.3 | 9.7 | 198.6 | 9.4 | 3.0 | 8.9 | 292.2 | 314.4 | 8.5 | 98.0 | 0.8 | 7. |
| 3.8 | 18.6 | 1239.0 | 875.0 | 8.8 | 8.2 | 211.2 | 10.4 | 5.4 | 8.9 | 293.0 | 313.7 | 7.8 | 95.7 | 1.4 | 16. |
| 4.8 | 21.1 | 1478.9 | 850.0 | 7.6 | 6.9 | 225.1 | 10.4 | 7.4 | 7.3 | 294.1 | 313.9 | 7.4 | 95.5 | 2.0 | 21. |
| 5.7 | 23.5 | 1725.9 | 825.0 | 9.8 | 1.6 | 246.7 | 10.2 | 9.4 | 4.0 | 299.0 | 313.5 | 5.2 | 95.7 | 2.5 | 30. |
| 6.7 | 26.0 | 1982.0 | 800.0 | 10.0 | -5.0 | 246.9 | 9.4 | 8.7 | 3.7 | 301.6 | 316.5 | 5.2 | 54.2 | 2.9 | 37. |
| 7.8 | 28.5 | 2245.5 | 775.0 | 8.6 | -6.4 | 250.8 | 9.7 | 9.1 | 3.2 | 303.1 | 313.1 | 3.5 | 38.2 | 3.4 | 41. |
| 8.9 | 31.0 | 2515.8 | 750.0 | 6.8 | -14.8 | 255.1 | 9.9 | 9.6 | 2.5 | 303.8 | 313.0 | 3.2 | 38.8 | 4.0 | 47. |
| 10.1 | 33.7 | 2792.4 | 725.0 | 3.9 | -20.8 | 256.4 | 10.3 | 10.3 | 2.5 | 303.8 | 313.0 | 1.7 | 38.8 | 4.8 | 51. |
| 11.4 | 36.3 | 3076.5 | 700.0 | 2.2 | -22.7 | 250.3 | 13.5 | 12.7 | 4.5 | 304.9 | 308.2 | 1.1 | 18.6 | 5.3 | 55. |
| 12.6 | 38.9 | 3369.2 | 675.0 | 0.9 | -22.7 | 250.3 | 13.5 | 12.7 | 4.5 | 304.9 | 308.2 | 1.1 | 18.6 | 5.3 | 55. |
| 13.8 | 41.7 | 3671.5 | 650.0 | -0.9 | -24.0 | 245.4 | 18.0 | 16.4 | 7.5 | 307.9 | 310.6 | 0.8 | 15.4 | 6.5 | 58. |
| 15.1 | 44.4 | 3982.9 | 625.0 | -3.3 | -25.9 | 247.4 | 17.0 | 15.7 | 6.5 | 308.7 | 311.0 | 0.7 | 15.3 | 9.1 | 59. |
| 16.4 | 47.2 | 4304.1 | 600.0 | -5.9 | -27.7 | 254.1 | 17.0 | 16.3 | 4.7 | 309.3 | 311.5 | 0.7 | 15.9 | 10.3 | 61. |
| 17.7 | 50.1 | 4635.7 | 575.0 | -8.6 | -29.8 | 257.8 | 19.1 | 18.6 | 4.0 | 310.0 | 311.8 | 0.5 | 15.3 | 11.7 | 63. |
| 19.1 | 53.0 | 4978.6 | 550.0 | -11.4 | -31.9 | 260.0 | 21.6 | 21.3 | 3.7 | 310.6 | 312.2 | 0.4 | 16.3 | 13.2 | 65. |
| 20.6 | 56.0 | 5333.4 | 525.0 | -14.3 | -34.3 | 258.7 | 20.9 | 20.5 | 4.1 | 311.2 | 312.6 | 0.4 | 16.4 | 15.0 | 66. |
| 22.0 | 59.1 | 5700.9 | 500.0 | -17.9 | -37.2 | 256.5 | 21.9 | 21.3 | 5.1 | 311.2 | 312.6 | 0.4 | 16.4 | 16.9 | 68. |
| 23.5 | 62.1 | 6082.1 | 475.0 | -20.9 | -39.7 | 259.0 | 25.6 | 25.2 | 4.9 | 312.1 | 313.0 | 0.2 | 16.5 | 18.7 | 69. |
| 25.1 | 65.4 | 6480.6 | 450.0 | -22.7 | -41.5 | 262.6 | 28.9 | 28.7 | 3.5 | 312.1 | 313.0 | 0.2 | 16.5 | 21.1 | 70. |
| 26.8 | 68.6 | 6897.3 | 425.0 | -25.6 | -43.8 | 263.3 | 31.4 | 31.2 | 3.8 | 314.7 | 316.8 | 0.2 | 16.2 | 23.7 | 71. |
| 28.6 | 72.0 | 7334.2 | 400.0 | -28.2 | -45.8 | 263.3 | 33.8 | 33.5 | 4.8 | 318.4 | 318.9 | 0.1 | 16.5 | 26.7 | 73. |
| 30.7 | 75.5 | 7794.4 | 375.0 | -31.5 | -48.7 | 261.8 | 36.2 | 35.8 | 6.6 | 319.9 | 320.3 | 0.1 | 16.5 | 30.2 | 74. |
| 32.7 | 79.1 | 8279.7 | 350.0 | -34.8 | -51.3 | 259.5 | 39.1 | 38.5 | 6.9 | 321.8 | 322.2 | 0.1 | 17.5 | 34.5 | 75. |
| 34.9 | 82.9 | 8793.2 | 325.0 | -38.3 | -53.9 | 259.8 | 39.1 | 38.5 | 6.9 | 323.9 | 324.2 | 0.1 | 17.5 | 39.1 | 75. |
| 37.3 | 86.8 | 9339.5 | 300.0 | -42.1 | -56.9 | 261.3 | 39.5 | 39.1 | 6.0 | 326.0 | 326.0 | 98.9 | 99.9 | 44.4 | 76. |
| 39.8 | 91.0 | 9925.2 | 275.0 | -45.9 | -59.9 | 259.3 | 40.6 | 39.8 | 7.6 | 330.3 | 330.3 | 98.9 | 99.9 | 49.8 | 76. |
| 42.3 | 95.3 | 10556.2 | 250.0 | -48.9 | -62.9 | 258.7 | 45.1* | 44.2 | 8.8 | 333.3 | 333.3 | 98.9 | 99.9 | 56.5 | 77. |
| 45.1 | 99.8 | 11241.5 | 225.0 | -52.8 | -65.9 | 256.1 | 46.7* | 44.2 | 8.8 | 337.7 | 337.7 | 98.9 | 99.9 | 63.1 | 77. |
| 48.0 | 104.8 | 11998.9 | 200.0 | -54.8 | -68.9 | 256.5 | 48.3* | 44.2 | 8.0 | 346.0 | 346.0 | 98.9 | 99.9 | 69.3 | 77. |
| 51.4 | 110.3 | 12848.1 | 175.0 | -56.3 | -71.9 | 250.8 | 49.9* | 44.2 | 9.3 | 358.7 | 358.7 | 98.9 | 99.9 | 75.0 | 77. |
| 55.6 | 116.0 | 13830.4 | 150.0 | -56.6 | -74.9 | 248.9 | 51.5* | 44.2 | 13.2 | 372.6 | 372.6 | 98.9 | 99.9 | 80.9 | 76. |
| 60.3 | 122.7 | 14984.4 | 125.0 | -58.6 | -77.9 | 252.4 | 53.8* | 44.2 | 18.4 | 389.0 | 389.0 | 98.9 | 99.9 | 89.2 | 76. |
| 66.1 | 130.0 | 16379.7 | 100.0 | -60.0 | -80.9 | 256.5 | 56.3* | 44.2 | 25.5 | 411.8 | 411.8 | 98.9 | 99.9 | 96.4 | 75. |
| 74.0 | 138.3 | 18151.6 | 75.0 | -62.8 | -83.9 | 232.7 | 58.8* | 44.2 | 5.4 | 441.2 | 441.2 | 98.9 | 99.9 | 102.5 | 78. |
| 86.0 | 158.7 | 25083.4 | 25.0 | -51.0 | -99.9 | 188.8 | 5.2 | 0.8 | -6.7 | 504.4 | 504.4 | 98.9 | 99.9 | 102.6 | 75. |
| | | | | | | 316.8 | 5.2 | 6.3 | | 638.3 | 638.3 | 98.9 | 99.9 | 102.1 | 75. |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 ** BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 *** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
 **** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

STATION NO. 8
BROWNWOOD, TEXAS

25 APRIL 1982
200 GMT

154 14 0

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RIO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 11.3 | 502.3 | 953.0 | 13.3 | 12.0 | 160.0 | 3.0 | -1.0 | 2.8 | 290.4 | 314.6 | 9.3 | 92.0 | 0.0 | 0 |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999 |
| 0.1 | 11.6 | 528.9 | 950.0 | 13.1 | 12.1 | 160.8 | 6.4 | -2.1 | 6.1 | 290.5 | 314.8 | 9.4 | 93.2 | 0.0 | 351 |
| 1.1 | 13.9 | 753.3 | 925.0 | 12.1 | 11.2 | 174.2 | 11.2 | -1.1 | 11.2 | 291.7 | 315.3 | 9.1 | 94.1 | 0.5 | 342 |
| 2.0 | 16.3 | 983.0 | 900.0 | 11.5 | 10.2 | 198.4 | 10.4 | 3.3 | 9.8 | 293.0 | 316.0 | 8.7 | 93.9 | 1.1 | 355 |
| 3.0 | 18.7 | 1218.5 | 875.0 | 11.5 | 7.3 | 228.7 | 8.9 | 6.7 | 5.9 | 295.0 | 315.6 | 7.4 | 76.4 | 1.5 | 7 |
| 3.8 | 21.2 | 1462.4 | 850.0 | 13.4 | -0.7 | 254.9 | 9.5 | 9.2 | 2.5 | 300.2 | 312.3 | 4.3 | 37.7 | 1.8 | 19 |
| 4.7 | 23.6 | 1712.7 | 825.0 | 11.4 | -3.0 | 263.4 | 10.5 | 10.4 | 1.2 | 300.7 | 311.3 | 3.7 | 36.2 | 2.2 | 34 |
| 5.7 | 26.1 | 1968.7 | 800.0 | 9.2 | -2.1 | 274.6 | 11.9 | 11.9 | -1.0 | 300.9 | 311.3 | 4.1 | 45.2 | 2.6 | 46 |
| 6.9 | 28.6 | 2231.0 | 775.0 | 7.7 | -1.1 | 281.1 | 15.0 | 14.7 | -2.9 | 302.1 | 309.4 | 2.5 | 29.1 | 3.0 | 59 |
| 7.8 | 31.1 | 2499.9 | 750.0 | 5.6 | -15.1 | 274.1 | 15.5 | 15.4 | -1.1 | 302.7 | 307.5 | 1.6 | 20.7 | 4.0 | 68 |
| 9.0 | 33.7 | 2776.4 | 725.0 | 4.7 | -19.0 | 264.2 | 15.0 | 14.9 | 1.5 | 304.7 | 308.3 | 1.2 | 15.8 | 4.9 | 72 |
| 9.9 | 36.2 | 3061.3 | 700.0 | 2.9 | -20.3 | 257.3 | 15.5 | 15.1 | 3.4 | 305.7 | 309.1 | 1.1 | 16.1 | 5.7 | 73 |
| 11.0 | 38.9 | 3354.4 | 675.0 | 0.6 | -22.3 | 256.0 | 14.7 | 14.3 | 3.5 | 306.3 | 309.3 | 0.9 | 16.0 | 6.7 | 74 |
| 11.9 | 41.5 | 3656.0 | 650.0 | -1.9 | -23.3 | 261.0 | 14.1 | 13.9 | 2.2 | 306.9 | 309.7 | 0.9 | 17.5 | 7.5 | 74 |
| 13.0 | 44.2 | 3966.2 | 625.0 | -4.3 | -26.0 | 265.9 | 15.9 | 15.9 | 1.1 | 307.6 | 309.9 | 0.7 | 16.4 | 8.4 | 75 |
| 14.1 | 47.0 | 4286.1 | 600.0 | -6.9 | -30.3 | 264.4 | 17.1 | 17.1 | 1.3 | 308.1 | 310.2 | 0.6 | 16.8 | 9.5 | 77 |
| 15.4 | 49.9 | 4616.4 | 575.0 | -9.7 | -33.9 | 265.9 | 18.2 | 18.1 | 1.7 | 308.6 | 310.4 | 0.5 | 16.7 | 10.9 | 78 |
| 16.7 | 52.8 | 4957.8 | 550.0 | -12.5 | -34.3 | 262.9 | 18.7 | 18.6 | 2.3 | 310.5 | 311.8 | 0.4 | 16.3 | 12.3 | 78 |
| 18.1 | 55.7 | 5311.3 | 525.0 | -14.9 | -37.0 | 260.4 | 21.2 | 20.9 | 2.3 | 311.8 | 312.9 | 0.3 | 17.2 | 13.8 | 79 |
| 19.5 | 58.8 | 5678.6 | 500.0 | -17.4 | -39.1 | 263.6 | 24.9 | 24.7 | 2.8 | 313.3 | 314.2 | 0.3 | 16.2 | 15.4 | 80 |
| 20.9 | 61.9 | 6061.0 | 475.0 | -20.0 | -41.5 | 266.6 | 26.2 | 26.2 | 1.6 | 314.4 | 315.2 | 0.2 | 16.3 | 17.7 | 80 |
| 22.4 | 65.0 | 6459.6 | 450.0 | -22.9 | -44.0 | 265.5 | 24.6 | 24.6 | 1.9 | 315.5 | 316.2 | 0.2 | 16.6 | 19.7 | 81 |
| 24.0 | 68.1 | 6876.1 | 425.0 | -26.1 | -46.4 | 264.5 | 27.1 | 27.0 | 2.6 | 317.0 | 317.5 | 0.1 | 17.0 | 22.2 | 81 |
| 25.8 | 71.5 | 7312.0 | 400.0 | -29.3 | -48.8 | 264.7 | 30.5 | 30.3 | 2.8 | 318.8 | 319.3 | 0.1 | 17.4 | 24.8 | 81 |
| 27.5 | 74.9 | 7770.1 | 375.0 | -32.3 | -52.2 | 262.4 | 30.6 | 30.3 | 4.1 | 319.3 | 319.7 | 0.1 | 18.0 | 27.9 | 82 |
| 29.4 | 78.6 | 8252.8 | 350.0 | -36.7 | -54.9 | 262.1 | 33.2 | 32.9 | 4.6 | 320.8 | 320.8 | 99.9 | 99.9 | 31.4 | 82 |
| 31.5 | 82.3 | 8761.6 | 325.0 | -40.5 | -59.9 | 258.1 | 31.6 | 30.9 | 6.5 | 323.0 | 323.0 | 99.9 | 99.9 | 35.4 | 82 |
| 33.8 | 86.2 | 9302.6 | 300.0 | -44.3 | -64.4 | 257.0 | 36.7 | 35.8 | 8.2 | 328.1 | 328.1 | 99.9 | 99.9 | 39.9 | 82 |
| 36.1 | 90.2 | 9883.3 | 275.0 | -46.4 | -69.9 | 256.9 | 39.1 | 38.1 | 8.9 | 332.1 | 332.1 | 99.9 | 99.9 | 44.5 | 81 |
| 38.4 | 94.7 | 10511.8 | 250.0 | -49.7 | -74.9 | 254.1 | 36.1 | 34.7 | 9.9 | 337.1 | 337.1 | 99.9 | 99.9 | 49.9 | 81 |
| 41.1 | 99.2 | 11195.4 | 225.0 | -53.1 | -79.9 | 253.9 | 35.4 | 34.0 | 9.8 | 342.8 | 342.8 | 99.9 | 99.9 | 55.7 | 80 |
| 43.8 | 104.0 | 11948.5 | 200.0 | -56.8 | -84.9 | 253.9 | 33.0 | 30.8 | 11.8 | 358.9 | 358.9 | 99.9 | 99.9 | 61.6 | 80 |
| 46.8 | 109.3 | 12797.5 | 175.0 | -59.2 | -89.9 | 249.0 | 33.0 | 30.8 | 11.8 | 358.9 | 358.9 | 99.9 | 99.9 | 67.5 | 79 |
| 50.3 | 115.2 | 13778.9 | 150.0 | -62.4 | -94.9 | 256.5 | 34.9 | 33.9 | 8.2 | 371.2 | 371.2 | 99.9 | 99.9 | 74.8 | 78 |
| 54.2 | 121.7 | 14926.3 | 125.0 | -67.9 | -99.9 | 253.3 | 27.1 | 26.0 | 7.8 | 390.2 | 390.2 | 99.9 | 99.9 | 81.6 | 78 |
| 58.8 | 129.0 | 16326.6 | 100.0 | -74.9 | -104.9 | 232.5 | 15.4 | 13.0 | 10.0 | 413.0 | 413.0 | 99.9 | 99.9 | 88.2 | 78 |
| 64.1 | 138.0 | 18098.0 | 75.0 | -83.9 | -109.9 | 289.2 | 7.9 | 7.5 | -2.6 | 438.9 | 438.9 | 99.9 | 99.9 | 90.9 | 77 |
| 71.5 | 148.3 | 20586.8 | 50.0 | -91.3 | -114.9 | 235.5 | 6.3 | 5.2 | -3.6 | 499.0 | 499.0 | 99.9 | 99.9 | 90.9 | 77 |
| 84.0 | 159.0 | 24990.2 | 25.0 | -102.6 | -119.9 | 274.0 | 18.9 | 18.9 | -1.3 | 633.4 | 633.4 | 99.9 | 99.9 | 89.7 | 78 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
 ** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 8
BROWNWOOD, TEXAS
25 APRIL 1982
503 GMT

| TIME MIN | ONTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RIO CM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 10.9 | 502.3 | 953.9 | 13.4 | 11.8 | 160.0 | 4.0 | -1.4 | 3.8 | 290.5 | 314.2 | 9.2 | 90.0 | 0.0 | 0. |
| 99.9 | 99.9 | 509.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999. |
| 0.1 | 11.3 | 536.9 | 975.0 | 12.7 | 11.5 | 172.6 | 13.0 | -1.7 | 12.9 | 290.1 | 313.5 | 9.0 | 92.4 | 0.2 | 356. |
| 1.0 | 13.6 | 761.0 | 950.0 | 11.2 | 10.3 | 173.0 | 13.1 | -1.6 | 13.0 | 290.8 | 312.2 | 8.6 | 94.2 | 0.6 | 354. |
| 1.9 | 15.9 | 989.6 | 900.0 | 9.8 | 8.7 | 190.4 | 13.6 | 2.5 | 13.3 | 291.8 | 312.4 | 7.9 | 93.1 | 1.3 | 356. |
| 2.7 | 18.3 | 1227.0 | 875.0 | 15.3 | -5.6 | 210.9 | 13.5 | 6.9 | 11.8 | 299.7 | 308.0 | 2.9 | 23.1 | 2.0 | 5. |
| 4.6 | 23.1 | 1472.1 | 825.0 | 14.2 | -2.4 | 225.4 | 13.5 | 9.6 | 9.5 | 301.0 | 311.9 | 3.8 | 31.7 | 2.6 | 14. |
| 5.6 | 25.5 | 1723.2 | 825.0 | 12.5 | 0.4 | 243.8 | 14.0 | 12.6 | 6.2 | 301.8 | 315.4 | 4.8 | 43.4 | 3.3 | 23. |
| 6.5 | 28.0 | 1980.8 | 800.0 | 11.3 | -9.3 | 262.0 | 16.0 | 15.8 | 2.2 | 303.2 | 310.3 | 2.4 | 22.8 | 3.9 | 33. |
| 7.5 | 30.4 | 2244.7 | 775.0 | 9.6 | -13.3 | 271.0 | 17.6 | 17.6 | -0.3 | 304.1 | 309.5 | 1.8 | 18.4 | 4.5 | 43. |
| 8.4 | 33.0 | 2515.4 | 750.0 | 6.9 | -13.9 | 270.2 | 19.2 | 19.2 | -0.1 | 304.1 | 309.6 | 1.7 | 20.8 | 5.2 | 52. |
| 9.5 | 35.6 | 2792.3 | 725.0 | 4.3 | -14.0 | 270.2 | 19.4 | 19.4 | -0.1 | 304.2 | 309.4 | 1.8 | 24.9 | 6.1 | 58. |
| 10.6 | 38.2 | 3076.5 | 700.0 | 1.9 | -16.0 | 277.7 | 19.0 | 18.9 | -2.6 | 304.6 | 308.4 | 1.5 | 27.0 | 7.2 | 64. |
| 11.5 | 40.8 | 3368.5 | 675.0 | -0.5 | -17.2 | 287.9 | 17.0 | 18.2 | -5.2 | 305.1 | 308.7 | 1.0 | 25.0 | 8.1 | 69. |
| 12.6 | 43.5 | 3669.0 | 650.0 | -2.6 | -21.9 | 291.4 | 14.3 | 13.3 | -5.2 | 306.0 | 308.2 | 0.9 | 20.9 | 8.8 | 73. |
| 13.7 | 46.3 | 3978.4 | 625.0 | -5.2 | -23.7 | 286.6 | 12.4 | 11.9 | -3.5 | 306.5 | 308.4 | 0.9 | 21.7 | 9.5 | 76. |
| 14.8 | 49.1 | 4297.7 | 600.0 | -7.0 | -31.7 | 279.9 | 15.0 | 13.3 | -2.3 | 308.0 | 309.5 | 0.4 | 11.8 | 10.3 | 78. |
| 16.0 | 52.0 | 4628.0 | 575.0 | -9.5 | -34.6 | 274.9 | 15.8 | 14.9 | -1.3 | 308.8 | 310.0 | 0.3 | 10.8 | 11.2 | 80. |
| 17.2 | 54.9 | 4989.8 | 550.0 | -12.6 | -37.0 | 270.8 | 15.9 | 15.9 | -0.1 | 309.2 | 310.1 | 0.2 | 10.8 | 12.2 | 81. |
| 18.4 | 57.9 | 5322.6 | 525.0 | -15.9 | -39.1 | 270.5 | 15.9 | 16.3 | 0.1 | 309.3 | 310.1 | 0.2 | 11.5 | 13.4 | 82. |
| 19.8 | 60.9 | 5687.8 | 500.0 | -19.1 | -41.3 | 266.6 | 16.3 | 16.3 | 1.5 | 309.8 | 310.5 | 0.2 | 11.9 | 14.5 | 82. |
| 21.0 | 64.0 | 6068.2 | 475.0 | -21.1 | -44.0 | 265.9 | 19.8 | 19.8 | 1.5 | 311.8 | 312.4 | 0.2 | 10.6 | 15.9 | 83. |
| 22.4 | 67.3 | 6465.6 | 450.0 | -23.5 | -45.8 | 265.9 | 22.7 | 22.7 | -0.9 | 313.7 | 314.2 | 0.1 | 10.7 | 17.6 | 83. |
| 24.1 | 70.7 | 6881.7 | 425.0 | -26.3 | -48.1 | 262.0 | 25.6 | 25.5 | -0.9 | 315.4 | 315.6 | 0.1 | 10.5 | 19.6 | 83. |
| 25.9 | 74.0 | 7317.2 | 400.0 | -28.3 | -50.7 | 260.4 | 27.5 | 27.2 | -4.6 | 318.7 | 317.0 | 0.1 | 10.7 | 22.2 | 84. |
| 27.8 | 77.7 | 7775.1 | 375.0 | -32.3 | -52.5 | 263.1 | 29.7 | 29.5 | 3.6 | 318.8 | 319.1 | 0.1 | 11.2 | 25.3 | 83. |
| 29.6 | 81.3 | 8258.5 | 350.0 | -36.2 | -55.4 | 264.9 | 31.3 | 31.1 | 2.8 | 320.0 | 320.2 | 0.1 | 11.7 | 28.8 | 83. |
| 31.4 | 85.3 | 8768.0 | 325.0 | -40.6 | -59.9 | 264.3 | 33.7 | 33.5 | 3.3 | 320.8 | 320.9 | 0.1 | 99.9 | 32.2 | 83. |
| 33.3 | 89.3 | 9309.2 | 300.0 | -44.6 | -64.6 | 260.7 | 30.1 | 33.8 | 4.9 | 322.5 | 322.5 | 0.1 | 99.9 | 35.6 | 83. |
| 35.5 | 93.7 | 9886.2 | 275.0 | -48.2 | -69.9 | 260.2 | 33.7 | 33.2 | 5.7 | 325.5 | 325.5 | 0.1 | 99.9 | 39.0 | 83. |
| 38.1 | 98.3 | 10509.9 | 250.0 | -51.8 | -74.8 | 257.8 | 34.9 | 34.1 | 7.4 | 329.0 | 329.0 | 0.1 | 99.9 | 44.0 | 83. |
| 40.6 | 103.2 | 11191.3 | 225.0 | -52.7 | -79.9 | 255.9 | 33.6 | 32.6 | 8.2 | 337.8 | 337.8 | 0.1 | 99.9 | 49.0 | 82. |
| 43.1 | 108.5 | 11950.2 | 200.0 | -54.0 | -84.8 | 252.1 | 37.1 | 28.7 | 9.2 | 347.2 | 347.2 | 0.1 | 99.9 | 53.6 | 81. |
| 45.4 | 114.5 | 12804.1 | 175.0 | -55.6 | -89.9 | 254.7 | 30.4 | 28.7 | 8.1 | 358.2 | 358.2 | 0.1 | 99.9 | 58.4 | 80. |
| 50.0 | 121.0 | 13789.4 | 150.0 | -55.1 | -93.9 | 254.2 | 26.9 | 25.9 | 7.3 | 375.2 | 375.2 | 0.1 | 99.9 | 64.4 | 80. |
| 54.0 | 128.3 | 14948.2 | 125.0 | -54.3 | -99.9 | 257.7 | 24.0 | 23.4 | 5.1 | 396.7 | 396.7 | 0.1 | 99.9 | 69.4 | 80. |
| 58.9 | 137.0 | 16361.2 | 100.0 | -59.1 | -99.9 | 266.4 | 15.1 | 15.0 | 1.0 | 413.5 | 413.5 | 0.1 | 99.9 | 74.7 | 80. |
| 66.0 | 147.3 | 18126.4 | 75.0 | -65.2 | -99.9 | 216.6 | 8.0 | 4.8 | 6.5 | 436.2 | 436.2 | 0.1 | 99.9 | 77.8 | 79. |
| 77.2 | 158.3 | 20623.9 | 50.0 | -81.0 | -99.9 | 109.7 | 4.9 | -4.7 | 1.7 | 499.9 | 499.9 | 0.1 | 99.9 | 78.4 | 79. |
| | | 25038.8 | 25.0 | -52.8 | 99.9 | 319.4 | 2.4 | 1.5 | -1.8 | 633.3 | 633.3 | 0.1 | 99.9 | 76.7 | 80. |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 ** BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 *** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
 **** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL DATA
OF POOR QUALITY

STATION NO. 9
HEWITT, TEXAS

24 APRIL 1982
1204 GMT

125 95 0

| TIME MIN | ONTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 6.3 | 184.1 | 997.0 | 11.8 | 10.2 | 0.0 | 0.0 | 0.0 | 0.0 | 285.2 | 305.3 | 7.9 | 90.0 | 0.0 | 0.0 |
| 0.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 1.8 | 8.3 | 389.6 | 975.0 | 8.0 | 7.4 | 99.9 | 99.9 | 99.9 | 99.9 | 283.2 | 300.2 | 6.7 | 95.9 | 99.9 | 99.9 |
| 2.8 | 10.5 | 583.3 | 950.0 | 6.3* | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 283.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 3.7 | 15.2 | 801.0 | 925.0 | 5.0* | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 284.4 | 302.4 | 5.8 | 94.9 | 99.9 | 99.9 |
| 4.6 | 17.6 | 1024.7 | 875.0 | 8.9 | 4.5 | 99.9 | 99.9 | 99.9 | 99.9 | 286.9 | 313.8 | 7.8 | 95.2 | 99.9 | 99.9 |
| 5.6 | 20.0 | 1257.2 | 850.0 | 7.2 | 5.6 | 99.9 | 99.9 | 99.9 | 99.9 | 293.1 | 311.7 | 6.7 | 99.9 | 99.9 | 99.9 |
| 6.6 | 22.4 | 1496.9 | 825.0 | 6.4 | 4.1 | 99.9 | 99.9 | 99.9 | 99.9 | 295.3 | 312.3 | 6.3 | 85.6 | 1.9 | 21.0 |
| 7.7 | 24.9 | 1742.8 | 800.0 | 4.5 | 2.8 | 99.9 | 99.9 | 99.9 | 99.9 | 295.0 | 312.0 | 5.9 | 88.8 | 2.1 | 37.0 |
| 8.8 | 27.4 | 1994.9 | 775.0 | 3.1 | 2.0 | 99.9 | 99.9 | 99.9 | 99.9 | 297.2 | 312.9 | 5.7 | 92.4 | 2.6 | 53.0 |
| 9.9 | 29.9 | 2253.5 | 750.0 | 1.8 | 0.7 | 99.9 | 99.9 | 99.9 | 99.9 | 298.5 | 313.4 | 5.4 | 92.5 | 3.1 | 61.0 |
| 29.2 | 32.4 | 2791.6 | 725.0 | 0.0 | -3.6 | 99.9 | 99.9 | 99.9 | 99.9 | 299.5 | 314.9 | 4.1 | 76.8 | 12.3 | 85.0 |
| 29.8 | 35.1 | 3072.9 | 700.0 | 0.1 | -3.4 | 99.9 | 99.9 | 99.9 | 99.9 | 302.6 | 314.7 | 4.3 | 77.3 | 12.9 | 85.0 |
| 31.2 | 37.7 | 3364.8 | 675.0 | -0.1 | -3.5 | 99.9 | 99.9 | 99.9 | 99.9 | 305.6 | 318.2 | 4.4 | 77.8 | 13.4 | 83.0 |
| 32.8 | 40.4 | 3666.2 | 650.0 | -2.2 | -5.0 | 99.9 | 99.9 | 99.9 | 99.9 | 306.5 | 318.3 | 4.1 | 81.0 | 14.0 | 81.0 |
| 34.3 | 43.0 | 3976.7 | 625.0 | -4.2 | -7.2 | 99.9 | 99.9 | 99.9 | 99.9 | 307.7 | 318.2 | 3.6 | 79.2 | 14.9 | 79.0 |
| 35.8 | 45.8 | 4298.3 | 600.0 | -5.7 | -9.4 | 99.9 | 99.9 | 99.9 | 99.9 | 309.6 | 318.9 | 3.1 | 75.0 | 15.9 | 75.0 |
| 37.3 | 48.6 | 4631.7 | 575.0 | -6.8 | -10.8 | 99.9 | 99.9 | 99.9 | 99.9 | 312.0 | 320.9 | 2.9 | 73.4 | 17.1 | 72.0 |
| 39.0 | 51.4 | 4972.8 | 550.0 | -9.1 | -13.3 | 99.9 | 99.9 | 99.9 | 99.9 | 313.3 | 321.0 | 2.5 | 71.7 | 18.8 | 70.0 |
| 40.8 | 54.4 | 5336.3 | 525.0 | -11.5 | -15.8 | 99.9 | 99.9 | 99.9 | 99.9 | 314.6 | 321.3 | 2.1 | 70.3 | 20.9 | 69.0 |
| 42.8 | 57.4 | 5708.8 | 500.0 | -14.2 | -18.6 | 99.9 | 99.9 | 99.9 | 99.9 | 315.8 | 321.3 | 1.8 | 68.8 | 23.3 | 67.0 |
| 44.8 | 60.5 | 6096.0 | 475.0 | -16.9 | -21.6 | 99.9 | 99.9 | 99.9 | 99.9 | 317.0 | 321.6 | 1.4 | 66.7 | 26.1 | 66.0 |
| 46.6 | 63.6 | 6499.4 | 450.0 | -20.6 | -26.2 | 99.9 | 99.9 | 99.9 | 99.9 | 317.3 | 320.8 | 1.0 | 60.5 | 28.9 | 64.0 |
| 48.9 | 66.9 | 6919.2 | 425.0 | -23.9 | -30.3 | 99.9 | 99.9 | 99.9 | 99.9 | 318.4 | 320.8 | 0.7 | 55.2 | 32.3 | 62.0 |
| 51.2 | 70.3 | 7358.9 | 400.0 | -27.3 | -33.9 | 99.9 | 99.9 | 99.9 | 99.9 | 319.5 | 321.4 | 0.5 | 53.4 | 35.4 | 60.0 |
| 53.7 | 73.7 | 7820.0 | 375.0 | -31.3 | -38.0 | 99.9 | 99.9 | 99.9 | 99.9 | 320.1 | 321.5 | 0.4 | 51.7 | 39.1 | 58.0 |
| 56.2 | 77.3 | 8305.5 | 350.0 | -34.7 | -41.1 | 99.9 | 99.9 | 99.9 | 99.9 | 322.0 | 323.1 | 0.3 | 51.8 | 42.8 | 57.0 |
| 58.1 | 81.0 | 8818.4 | 325.0 | -38.9 | -46.1 | 99.9 | 99.9 | 99.9 | 99.9 | 323.1 | 323.7 | 0.2 | 46.0 | 48.3 | 55.0 |
| 62.1 | 84.9 | 9363.3 | 300.0 | -42.6 | -50.9 | 99.9 | 99.9 | 99.9 | 99.9 | 324.9 | 324.9 | 99.9 | 99.9 | 55.2 | 55.0 |
| 65.1 | 89.0 | 9944.8 | 275.0 | -47.1 | -55.9 | 99.9 | 99.9 | 99.9 | 99.9 | 325.4 | 325.4 | 99.9 | 99.9 | 61.4 | 54.0 |
| 68.6 | 93.4 | 10571.2 | 250.0 | -50.3 | -59.9 | 99.9 | 99.9 | 99.9 | 99.9 | 331.3 | 331.3 | 99.9 | 99.9 | 68.8 | 53.0 |
| 71.8 | 98.0 | 11253.8 | 225.0 | -53.8 | -63.9 | 99.9 | 99.9 | 99.9 | 99.9 | 336.0 | 336.0 | 99.9 | 99.9 | 76.2 | 53.0 |
| 74.8 | 103.0 | 12000.8 | 200.0 | -58.7 | -68.9 | 99.9 | 99.9 | 99.9 | 99.9 | 339.8 | 339.8 | 99.9 | 99.9 | 82.5 | 54.0 |
| 78.6 | 108.3 | 12836.5 | 175.0 | -59.4 | -73.9 | 99.9 | 99.9 | 99.9 | 99.9 | 351.9 | 351.9 | 99.9 | 99.9 | 91.1 | 56.0 |
| 83.3 | 114.2 | 13809.7 | 150.0 | -53.6 | -68.9 | 99.9 | 99.9 | 99.9 | 99.9 | 377.8 | 377.8 | 99.9 | 99.9 | 100.3 | 58.0 |
| 88.4 | 121.0 | 14959.4 | 125.0 | -59.8 | -73.9 | 99.9 | 99.9 | 99.9 | 99.9 | 386.8 | 386.8 | 99.9 | 99.9 | 105.4 | 59.0 |
| 94.2 | 128.3 | 16357.5 | 100.0 | -62.0 | -78.9 | 99.9 | 99.9 | 99.9 | 99.9 | 408.0 | 408.0 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 75.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 50.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

ORIGINAL PAGE 19
OF POOR QUALITY

| STATION NO. 9 HEWITT, TEXAS | | | | | | | | | | | | | | | 156 24. 0 | | |
|--------------------------------|-------|---------|--------|-------|--------|-------|-------|--------|--------|-------|---------|--------|------|-------|-----------|--|--|
| 24 APRIL 1982 | | | | | | | | | | | | | | | | | |
| 1434 GMT | | | | | | | | | | | | | | | | | |
| TIME | CNTCT | HEIGHT | PRES | TEMP | DEW PT | DIR | SPEED | U COMP | V COMP | POT T | E POT T | MX RIO | RH | RANGE | AZ | | |
| MIN | | GPM | MB | DEG C | DEG C | DEG | M/SEC | M/SEC | M/SEC | DG K | DG K | GM/KG | PCT | KM | DG | | |
| 00.0 | 7.3 | 184.1 | 997.0 | 11.8 | 9.5 | 0.0 | 0.0 | 0.0 | 0.0 | 285.2 | 304.5 | 7.5 | 86.0 | 0.0 | 0.0 | | |
| 00.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 0.0 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 999.9 | 999.9 | | |
| 01.6 | 9.3 | 389.8 | 975.0 | 8.2 | 7.9 | 149.9 | 3.0 | -1.5 | 2.6 | 283.4 | 301.0 | 6.9 | 98.3 | 0.1 | 302. | | |
| 1.5 | 11.7 | 584.0 | 950.0 | 5.6 | 6.3 | 999.9 | 99.9 | 99.9 | 99.9 | 283.9 | 300.1 | 6.3 | 98.1 | 0.3 | 319. | | |
| 2.6 | 14.0 | 802.9 | 925.0 | 5.6 | 5.2 | 999.9 | 99.9 | 99.9 | 99.9 | 285.0 | 300.7 | 6.0 | 97.6 | 999.9 | 999.9 | | |
| 3.6 | 18.5 | 1027.9 | 900.0 | 6.8 | 6.4 | 999.9 | 99.9 | 99.9 | 99.9 | 288.6 | 305.2 | 6.8 | 97.3 | 999.9 | 999.9 | | |
| 4.6 | 19.0 | 1260.8 | 875.0 | 6.4 | 7.9 | 999.9 | 99.9 | 99.9 | 99.9 | 292.6 | 312.9 | 7.7 | 96.3 | 1.2 | 358. | | |
| 5.6 | 21.4 | 1500.3 | 850.0 | 6.8 | 6.2 | 229.1 | 2.4 | 1.8 | 1.6 | 293.3 | 312.9 | 7.1 | 96.8 | 1.2 | 358. | | |
| 6.6 | 23.9 | 1745.5 | 825.0 | 5.6 | 4.2 | 267.4 | 3.5 | 3.5 | 0.2 | 294.6 | 311.5 | 6.3 | 90.3 | 1.5 | 0. | | |
| 7.7 | 26.4 | 1997.8 | 800.0 | 5.2 | 3.8 | 280.8 | 5.7 | 5.5 | -0.2 | 295.7 | 313.9 | 6.3 | 90.3 | 1.5 | 0. | | |
| 8.8 | 28.9 | 2256.9 | 775.0 | 3.8 | 2.1 | 275.4 | 5.7 | 5.5 | -0.5 | 297.9 | 313.9 | 6.3 | 90.3 | 1.5 | 0. | | |
| 9.9 | 31.5 | 2523.1 | 750.0 | 2.0 | 1.4 | 259.3 | 6.0 | 5.9 | -0.5 | 298.8 | 314.4 | 5.7 | 95.3 | 1.6 | 31. | | |
| 11.2 | 34.1 | 2796.4 | 725.0 | 0.7 | 0.2 | 255.4 | 8.2 | 7.9 | 2.1 | 300.2 | 315.1 | 5.4 | 98.4 | 2.3 | 47. | | |
| 12.6 | 36.8 | 3078.2 | 700.0 | -0.2 | -0.7 | 263.3 | 10.1 | 10.0 | 2.1 | 302.3 | 316.9 | 5.2 | 98.2 | 3.0 | 58. | | |
| 14.1 | 39.5 | 3369.5 | 675.0 | -1.2 | -1.8 | 258.5 | 11.4 | 11.1 | 2.7 | 304.3 | 318.5 | 5.0 | 98.0 | 3.9 | 62. | | |
| 15.6 | 42.2 | 3670.1 | 650.0 | -2.7 | -3.3 | 258.5 | 12.3 | 12.0 | 2.5 | 305.9 | 319.2 | 4.6 | 98.0 | 5.0 | 65. | | |
| 17.4 | 45.0 | 3980.5 | 625.0 | -4.5 | -5.1 | 265.5 | 13.1 | 13.1 | 1.0 | 307.3 | 319.6 | 4.2 | 95.3 | 5.7 | 69. | | |
| 19.3 | 47.8 | 4301.7 | 600.0 | -6.2 | -6.8 | 264.9 | 14.1 | 14.1 | 1.3 | 309.0 | 320.3 | 3.8 | 94.9 | 7.7 | 72. | | |
| 21.0 | 50.7 | 4633.7 | 575.0 | -8.2 | -8.2 | 261.7 | 13.8 | 13.8 | 2.0 | 310.3 | 320.3 | 3.3 | 93.4 | 9.1 | 74. | | |
| 22.9 | 53.6 | 4978.0 | 550.0 | -10.2 | -11.5 | 253.6 | 15.4 | 14.7 | 4.3 | 312.0 | 320.8 | 2.9 | 90.2 | 10.8 | 75. | | |
| 24.7 | 56.6 | 5335.6 | 525.0 | -12.1 | -13.6 | 240.2 | 13.8 | 12.0 | 6.9 | 313.9 | 321.8 | 2.6 | 88.5 | 12.3 | 74. | | |
| 26.3 | 59.7 | 5707.9 | 500.0 | -14.0 | -16.0 | 234.0 | 17.9 | 14.5 | 10.5 | 315.9 | 322.8 | 2.2 | 85.3 | 13.8 | 72. | | |
| 27.8 | 62.9 | 6095.8 | 475.0 | -16.5 | -18.5 | 228.3 | 18.3 | 13.7 | 12.2 | 317.6 | 323.5 | 1.9 | 83.9 | 15.2 | 70. | | |
| 29.3 | 66.0 | 6500.3 | 450.0 | -18.8 | -20.8 | 227.8 | 20.9 | 15.5 | 14.0 | 319.7 | 324.9 | 1.6 | 83.9 | 17.0 | 67. | | |
| 30.6 | 69.3 | 6924.1 | 425.0 | -21.9 | -24.4 | 226.7 | 22.0 | 16.0 | 15.1 | 320.9 | 325.0 | 1.2 | 80.1 | 18.6 | 66. | | |
| 32.2 | 72.8 | 7365.4 | 400.0 | -27.6 | -33.7 | 230.2 | 26.6 | 20.5 | 17.0 | 319.2 | 321.4 | 0.5 | 55.3 | 20.7 | 64. | | |
| 33.7 | 76.3 | 7825.8 | 375.0 | -31.2 | -39.8 | 228.1 | 28.7 | 21.4 | 19.2 | 320.3 | 321.4 | 0.2 | 42.3 | 23.3 | 62. | | |
| 35.7 | 80.0 | 8311.0 | 350.0 | -34.6 | -44.2 | 224.4 | 32.2 | 22.6 | 23.0 | 321.9 | 322.6 | 0.2 | 37.1 | 26.7 | 60. | | |
| 37.3 | 83.8 | 8825.0 | 325.0 | -38.5 | -45.9 | 216.5 | 33.2 | 19.7 | 26.7 | 323.7 | 324.6 | 0.2 | 34.5 | 29.9 | 58. | | |
| 39.3 | 87.8 | 9370.8 | 300.0 | -42.7 | -49.9 | 207.8 | 32.3 | 15.0 | 28.5 | 325.3 | 325.3 | 0.2 | 33.4 | 33.4 | 55. | | |
| 41.4 | 92.0 | 9951.3 | 275.0 | -48.0 | -51.8 | 214.0 | 32.3 | 18.1 | 26.8 | 325.8 | 325.8 | 0.2 | 33.4 | 36.9 | 52. | | |
| 43.8 | 96.4 | 10575.0 | 250.0 | -51.8 | -54.2 | 999.9 | 99.9 | 99.9 | 99.9 | 329.0 | 329.0 | 99.9 | 99.9 | 41.8 | 51. | | |
| 46.4 | 101.0 | 11253.7 | 225.0 | -54.2 | -57.6 | 999.9 | 99.9 | 99.9 | 99.9 | 335.5 | 335.5 | 99.9 | 99.9 | 99.9 | 99.9 | | |
| 48.9 | 106.0 | 12002.7 | 200.0 | -57.6 | -59.9 | 999.9 | 99.9 | 99.9 | 99.9 | 341.6 | 341.6 | 99.9 | 99.9 | 99.9 | 99.9 | | |
| 51.9 | 111.4 | 12841.9 | 175.0 | -59.9 | -59.9 | 255.1 | 38.1 | 38.1 | 10.1 | 352.7 | 352.7 | 99.9 | 99.9 | 99.9 | 99.9 | | |
| 55.4 | 117.2 | 13815.7 | 150.0 | -55.8 | -55.8 | 253.8 | 35.5 | 34.4 | 8.6 | 352.7 | 352.7 | 99.9 | 99.9 | 99.9 | 99.9 | | |
| 59.7 | 124.0 | 14974.2 | 125.0 | -57.9 | -57.9 | 249.3 | 27.6 | 26.5 | 7.7 | 390.2 | 390.2 | 99.9 | 99.9 | 99.9 | 99.9 | | |
| 64.6 | 131.7 | 16363.6 | 100.0 | -62.3 | -59.9 | 249.3 | 26.5 | 24.8 | 9.4 | 407.3 | 407.3 | 99.9 | 99.9 | 99.9 | 99.9 | | |
| 70.6 | 140.3 | 18211.6 | 75.0 | -64.7 | -59.9 | 257.8 | 18.3 | 18.3 | -0.1 | 437.3 | 437.3 | 99.9 | 99.9 | 99.9 | 99.9 | | |
| 78.1 | 150.5 | 20619.4 | 50.0 | -61.5 | -59.9 | 153.7 | 6.2 | 6.0 | 1.3 | 498.5 | 498.5 | 99.9 | 99.9 | 99.9 | 99.9 | | |
| 91.3 | 161.5 | 25018.7 | 25.0 | -53.1 | -59.9 | 999.9 | 99.9 | -1.8 | 3.7 | 632.3 | 632.3 | 99.9 | 99.9 | 99.9 | 99.9 | | |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

** BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

*** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

*** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 9
HEWITT, TEXAS
24 APRIL 1982
1713 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 7.0 | 184.1 | 997.7 | 12.7 | 8.6 | 999.9 | 99.9 | 99.9 | 99.9 | 286.0 | 304.2 | 7.1 | 76.0 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 0.9 | 9.0 | 99.9 | 997.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 1.6 | 11.3 | 99.9 | 950.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 2.4 | 13.6 | 99.9 | 925.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 3.3 | 16.0 | 99.9 | 900.0 | 10.0 | 8.6 | 999.9 | 99.9 | 99.9 | 99.9 | 291.8 | 313.7 | 8.4 | 97.1 | 999.9 | 999.9 |
| 4.3 | 18.4 | 99.9 | 875.0 | 9.0 | 8.6 | 999.9 | 99.9 | 99.9 | 99.9 | 293.2 | 314.5 | 8.1 | 96.9 | 999.9 | 999.9 |
| 5.3 | 20.8 | 99.9 | 850.0 | 7.9 | 7.4 | 999.9 | 99.9 | 99.9 | 99.9 | 294.5 | 314.9 | 7.7 | 96.8 | 999.9 | 999.9 |
| 6.4 | 23.2 | 99.9 | 825.0 | 6.6 | 6.0 | 999.9 | 99.9 | 99.9 | 99.9 | 295.6 | 314.9 | 7.2 | 96.2 | 999.9 | 999.9 |
| 7.4 | 25.7 | 99.9 | 800.0 | 5.5 | 4.9 | 999.9 | 99.9 | 99.9 | 99.9 | 297.0 | 315.8 | 6.8 | 96.0 | 999.9 | 999.9 |
| 8.5 | 28.1 | 99.9 | 775.0 | 4.1 | 3.5 | 999.9 | 99.9 | 99.9 | 99.9 | 298.3 | 315.8 | 6.4 | 95.7 | 999.9 | 999.9 |
| 9.6 | 30.7 | 99.9 | 750.0 | 3.3 | 2.6 | 999.9 | 99.9 | 99.9 | 99.9 | 300.2 | 317.3 | 6.2 | 95.3 | 999.9 | 999.9 |
| 10.7 | 33.2 | 99.9 | 725.0 | 1.8 | 1.1 | 999.9 | 99.9 | 99.9 | 99.9 | 301.5 | 317.5 | 5.7 | 94.9 | 999.9 | 999.9 |
| 11.7 | 35.8 | 99.9 | 700.0 | 0.3 | -0.5 | 999.9 | 99.9 | 99.9 | 99.9 | 302.8 | 317.7 | 5.3 | 94.5 | 999.9 | 999.9 |
| 12.6 | 38.4 | 99.9 | 675.0 | 0.6 | -1.5 | 999.9 | 99.9 | 99.9 | 99.9 | 305.0 | 319.6 | 5.1 | 93.9 | 999.9 | 999.9 |
| 13.8 | 40.9 | 99.9 | 650.0 | -0.6 | -3.0 | 999.9 | 99.9 | 99.9 | 99.9 | 306.6 | 320.2 | 4.7 | 93.6 | 999.9 | 999.9 |
| 15.1 | 43.7 | 99.9 | 625.0 | -4.0 | -4.9 | 999.9 | 99.9 | 99.9 | 99.9 | 307.8 | 320.2 | 4.2 | 93.5 | 999.9 | 999.9 |
| 16.6 | 46.4 | 99.9 | 600.0 | -5.3 | -6.3 | 999.9 | 99.9 | 99.9 | 99.9 | 310.0 | 321.8 | 4.0 | 92.5 | 999.9 | 999.9 |
| 19.0 | 51.2 | 99.9 | 575.0 | -6.9 | -8.1 | 999.9 | 99.9 | 99.9 | 99.9 | 311.9 | 322.8 | 3.6 | 91.0 | 999.9 | 999.9 |
| 19.3 | 53.1 | 99.9 | 550.0 | -9.5 | -11.1 | 999.9 | 99.9 | 99.9 | 99.9 | 312.9 | 321.9 | 3.0 | 87.7 | 999.9 | 999.9 |
| 20.6 | 55.0 | 99.9 | 525.0 | -12.1 | -15.4 | 999.9 | 99.9 | 99.9 | 99.9 | 313.9 | 320.7 | 2.2 | 76.5 | 999.9 | 999.9 |
| 22.1 | 58.0 | 99.9 | 500.0 | -14.5 | -16.8 | 999.9 | 99.9 | 99.9 | 99.9 | 315.4 | 321.8 | 2.0 | 76.5 | 999.9 | 999.9 |
| 23.6 | 61.1 | 99.9 | 475.0 | -18.3 | -26.2 | 999.9 | 99.9 | 99.9 | 99.9 | 315.3 | 318.4 | 0.9 | 49.9 | 999.9 | 999.9 |
| 25.3 | 64.4 | 99.9 | 450.0 | -22.3 | -40.2 | 999.9 | 99.9 | 99.9 | 99.9 | 315.2 | 316.1 | 0.2 | 17.8 | 999.9 | 999.9 |
| 26.8 | 67.6 | 99.9 | 425.0 | -24.6 | -43.4 | 999.9 | 99.9 | 99.9 | 99.9 | 317.4 | 318.1 | 0.2 | 15.5 | 999.9 | 999.9 |
| 28.3 | 70.9 | 99.9 | 400.0 | -28.0 | -46.1 | 999.9 | 99.9 | 99.9 | 99.9 | 318.7 | 319.2 | 0.1 | 15.5 | 999.9 | 999.9 |
| 29.8 | 74.4 | 99.9 | 375.0 | -31.5 | -49.0 | 999.9 | 99.9 | 99.9 | 99.9 | 319.9 | 320.2 | 0.1 | 15.6 | 999.9 | 999.9 |
| 31.3 | 78.0 | 99.9 | 350.0 | -35.1 | -52.1 | 999.9 | 99.9 | 99.9 | 99.9 | 321.4 | 321.8 | 0.1 | 15.7 | 999.9 | 999.9 |
| 32.9 | 81.7 | 99.9 | 325.0 | -38.7 | -55.1 | 999.9 | 99.9 | 99.9 | 99.9 | 323.3 | 323.6 | 0.1 | 15.7 | 999.9 | 999.9 |
| 34.7 | 85.7 | 99.9 | 300.0 | -41.4 | -58.9 | 999.9 | 99.9 | 99.9 | 99.9 | 327.0 | 323.6 | 99.9 | 99.9 | 999.9 | 999.9 |
| 36.6 | 89.7 | 99.9 | 275.0 | -44.6 | -62.4 | 999.9 | 99.9 | 99.9 | 99.9 | 330.6 | 323.6 | 99.9 | 99.9 | 999.9 | 999.9 |
| 38.9 | 94.0 | 99.9 | 250.0 | -47.4 | -65.9 | 999.9 | 99.9 | 99.9 | 99.9 | 335.7 | 323.6 | 99.9 | 99.9 | 999.9 | 999.9 |
| 41.3 | 98.6 | 99.9 | 225.0 | -52.0 | -69.9 | 999.9 | 99.9 | 99.9 | 99.9 | 338.8 | 323.6 | 99.9 | 99.9 | 999.9 | 999.9 |
| 43.8 | 103.4 | 99.9 | 200.0 | -56.1 | -73.9 | 999.9 | 99.9 | 99.9 | 99.9 | 344.0 | 323.6 | 99.9 | 99.9 | 999.9 | 999.9 |
| 46.6 | 108.8 | 99.9 | 175.0 | -58.7 | -77.9 | 999.9 | 99.9 | 99.9 | 99.9 | 353.1 | 323.6 | 99.9 | 99.9 | 999.9 | 999.9 |
| 49.8 | 114.6 | 99.9 | 150.0 | -56.0 | -79.9 | 999.9 | 99.9 | 99.9 | 99.9 | 373.6 | 323.6 | 99.9 | 99.9 | 999.9 | 999.9 |
| 53.6 | 121.0 | 99.9 | 125.0 | -57.0 | -81.9 | 999.9 | 99.9 | 99.9 | 99.9 | 391.8 | 323.6 | 99.9 | 99.9 | 999.9 | 999.9 |
| 58.1 | 128.5 | 99.9 | 100.0 | -61.1 | -84.9 | 999.9 | 99.9 | 99.9 | 99.9 | 409.8 | 323.6 | 99.9 | 99.9 | 999.9 | 999.9 |
| 63.7 | 137.0 | 99.9 | 75.0 | -64.7 | -87.9 | 999.9 | 99.9 | 99.9 | 99.9 | 500.7 | 323.6 | 99.9 | 99.9 | 999.9 | 999.9 |
| 71.4 | 147.0 | 99.9 | 50.0 | -60.6 | -80.9 | 999.9 | 99.9 | 99.9 | 99.9 | 534.6 | 323.6 | 99.9 | 99.9 | 999.9 | 999.9 |
| 83.5 | 157.7 | 99.9 | 25.0 | -52.3 | -69.9 | 999.9 | 99.9 | 99.9 | 99.9 | 534.6 | 323.6 | 99.9 | 99.9 | 999.9 | 999.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 9
HEWITT, TEXAS
24 APRIL 1982
2017 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DC | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POI T DG K | E POT T DG K | MX RIO CM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 7.3 | 184.1 | 994.9 | 13.8 | 11.7 | 180.0 | 2.0 | 0.0 | 2.0 | 287.4 | 309.7 | 8.7 | 87.0 | 0.0 | 0 |
| 99.9 | 99.9 | 353.7 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999 |
| 0.8 | 1 | 569.7 | 950.0 | 11.3 | 9.5 | 99.9 | 99.9 | 99.9 | 99.9 | 286.5 | 999.9 | 99.9 | 99.9 | 99.9 | 999 |
| 1.6 | 1 | 791.2 | 925.0 | 9.5 | 8.8 | 99.9 | 99.9 | 99.9 | 99.9 | 286.8 | 306.2 | 7.5 | 95.6 | 99.9 | 999 |
| 2.5 | 13.8 | 1019.6 | 900.0 | 5.1 | 8.4 | 99.9 | 99.9 | 99.9 | 99.9 | 288.6 | 308.1 | 7.5 | 95.6 | 99.9 | 999 |
| 3.4 | 16.2 | 1254.5 | 875.0 | 10.8 | 9.8 | 99.9 | 99.9 | 99.9 | 99.9 | 292.6 | 315.1 | 8.5 | 93.9 | 99.9 | 999 |
| 4.4 | 18.6 | 1495.5 | 850.0 | 9.7 | 6.7 | 99.9 | 99.9 | 99.9 | 99.9 | 293.9 | 315.1 | 7.1 | 81.8 | 99.9 | 999 |
| 5.2 | 21.1 | 1743.6 | 825.0 | 9.6 | 6.3 | 99.9 | 99.9 | 99.9 | 99.9 | 296.2 | 315.3 | 7.1 | 79.7 | 99.9 | 999 |
| 6.2 | 23.5 | 1998.2 | 800.0 | 8.6 | 6.2 | 99.9 | 99.9 | 99.9 | 99.9 | 297.7 | 317.4 | 7.1 | 79.7 | 99.9 | 999 |
| 7.1 | 26.1 | 2259.7 | 775.0 | 7.6 | 6.4 | 99.9 | 99.9 | 99.9 | 99.9 | 300.1 | 319.9 | 7.6 | 84.8 | 99.9 | 999 |
| 8.3 | 31.1 | 2528.0 | 750.0 | 5.1 | 5.1 | 99.9 | 99.9 | 99.9 | 99.9 | 301.5 | 319.8 | 7.2 | 92.1 | 99.9 | 999 |
| 9.4 | 33.8 | 2804.5 | 725.0 | 4.6 | 2.2 | 99.9 | 99.9 | 99.9 | 99.9 | 303.6 | 318.3 | 6.0 | 84.5 | 99.9 | 999 |
| 10.5 | 36.4 | 3069.6 | 700.0 | 3.8 | -0.9 | 99.9 | 99.9 | 99.9 | 99.9 | 305.3 | 317.7 | 4.9 | 71.1 | 99.9 | 26 |
| 11.7 | 39.1 | 3382.9 | 675.0 | 2.5 | -3.9 | 99.9 | 99.9 | 99.9 | 99.9 | 307.7 | 317.2 | 4.1 | 62.5 | 99.9 | 34 |
| 12.9 | 41.8 | 3685.1 | 650.0 | 0.9 | -8.0 | 99.9 | 99.9 | 99.9 | 99.9 | 307.5 | 315.9 | 3.1 | 51.2 | 99.9 | 999 |
| 14.2 | 44.6 | 3996.6 | 625.0 | -1.5 | -8.2 | 99.9 | 99.9 | 99.9 | 99.9 | 308.5 | 316.0 | 2.9 | 55.1 | 99.9 | 999 |
| 15.4 | 47.4 | 4317.9 | 600.0 | -3.5 | -16.4 | 99.9 | 99.9 | 99.9 | 99.9 | 309.2 | 313.3 | 1.8 | 37.1 | 99.9 | 999 |
| 16.7 | 50.3 | 4649.1 | 575.0 | -6.0 | -26.0 | 99.9 | 99.9 | 99.9 | 99.9 | 309.3 | 311.9 | 0.8 | 24.0 | 99.9 | 999 |
| 18.0 | 53.3 | 4991.1 | 550.0 | -9.1 | -34.8 | 99.9 | 99.9 | 99.9 | 99.9 | 309.9 | 311.1 | 0.4 | 13.0 | 99.9 | 999 |
| 19.8 | 56.3 | 5346.8 | 525.0 | -12.0 | -41.7 | 99.9 | 99.9 | 99.9 | 99.9 | 313.7 | 314.4 | 0.2 | 6.5 | 99.9 | 999 |
| 21.0 | 59.3 | 5718.3 | 500.0 | -14.9 | -45.6 | 99.9 | 99.9 | 99.9 | 99.9 | 314.9 | 315.4 | 0.1 | 5.2 | 99.9 | 999 |
| 22.5 | 62.4 | 6104.2 | 475.0 | -17.6 | -46.9 | 99.9 | 99.9 | 99.9 | 99.9 | 316.2 | 316.6 | 0.1 | 5.7 | 99.9 | 62 |
| 24.2 | 65.8 | 6506.7 | 450.0 | -20.4 | -48.4 | 99.9 | 99.9 | 99.9 | 99.9 | 317.5 | 318.0 | 0.1 | 5.1 | 99.9 | 64 |
| 25.8 | 69.0 | 6927.2 | 425.0 | -23.4 | -50.5 | 99.9 | 99.9 | 99.9 | 99.9 | 319.0 | 319.4 | 0.1 | 7.0 | 99.9 | 65 |
| 27.5 | 72.4 | 7367.3 | 400.0 | -27.3 | -52.5 | 99.9 | 99.9 | 99.9 | 99.9 | 319.5 | 319.0 | 0.1 | 7.0 | 99.9 | 65 |
| 29.3 | 76.0 | 7826.3 | 375.0 | -31.2 | -55.0 | 99.9 | 99.9 | 99.9 | 99.9 | 320.6 | 320.6 | 0.1 | 8.9 | 99.9 | 67 |
| 31.1 | 79.6 | 8314.4 | 350.0 | -34.3 | -57.9 | 99.9 | 99.9 | 99.9 | 99.9 | 322.6 | 322.8 | 0.1 | 8.9 | 99.9 | 67 |
| 32.9 | 83.3 | 8829.6 | 325.0 | -37.2 | -57.9 | 99.9 | 99.9 | 99.9 | 99.9 | 325.4 | 325.6 | 0.0 | 9.4 | 99.9 | 68 |
| 34.8 | 87.3 | 9378.4 | 300.0 | -41.0 | -59.9 | 99.9 | 99.9 | 99.9 | 99.9 | 327.6 | 325.6 | 0.0 | 9.4 | 99.9 | 68 |
| 36.0 | 91.5 | 9965.4 | 275.0 | -44.7 | -59.9 | 99.9 | 99.9 | 99.9 | 99.9 | 330.6 | 327.6 | 99.9 | 99.9 | 99.9 | 70 |
| 38.0 | 96.0 | 10598.8 | 250.0 | -48.3 | -59.9 | 99.9 | 99.9 | 99.9 | 99.9 | 334.3 | 327.6 | 99.9 | 99.9 | 99.9 | 71 |
| 40.1 | 100.6 | 11285.8 | 225.0 | -53.0 | -59.9 | 99.9 | 99.9 | 99.9 | 99.9 | 337.3 | 327.6 | 99.9 | 99.9 | 99.9 | 72 |
| 43.5 | 105.6 | 12041.2 | 200.0 | -55.3 | -59.9 | 99.9 | 99.9 | 99.9 | 99.9 | 345.2 | 327.6 | 99.9 | 99.9 | 99.9 | 72 |
| 46.1 | 111.0 | 12885.9 | 175.0 | -58.6 | -59.9 | 99.9 | 99.9 | 99.9 | 99.9 | 353.2 | 327.6 | 99.9 | 99.9 | 99.9 | 73 |
| 48.9 | 117.0 | 13860.0 | 150.0 | -58.7 | -59.9 | 99.9 | 99.9 | 99.9 | 99.9 | 372.3 | 327.6 | 99.9 | 99.9 | 99.9 | 73 |
| 52.2 | 123.5 | 15018.2 | 125.0 | -56.5 | -59.9 | 99.9 | 99.9 | 99.9 | 99.9 | 392.7 | 327.6 | 99.9 | 99.9 | 99.9 | 73 |
| 55.9 | 131.0 | 16415.2 | 100.0 | -62.2 | -59.9 | 99.9 | 99.9 | 99.9 | 99.9 | 407.6 | 327.6 | 99.9 | 99.9 | 99.9 | 73 |
| 60.2 | 139.3 | 18177.2 | 75.0 | -64.9 | -59.9 | 99.9 | 99.9 | 99.9 | 99.9 | 501.7 | 327.6 | 99.9 | 99.9 | 99.9 | 73 |
| 65.3 | 149.0 | 20673.2 | 50.0 | -60.2 | -59.9 | 99.9 | 99.9 | 99.9 | 99.9 | 636.9 | 327.6 | 99.9 | 99.9 | 99.9 | 73 |
| 72.4 | 159.3 | 25104.2 | 25.0 | -51.6 | -59.9 | 99.9 | 99.9 | 99.9 | 99.9 | | | | | | |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
 ** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 9
HEWITT, TEXAS

24 APRIL 1982
2302 GMT

| TIME MIN | CNCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 7.5 | 184.1 | 991.9 | 14.8 | 12.3 | 190.0 | 2.9 | 0.5 | 2.9 | 288.6 | 312.1 | 9.1 | 85.0 | 0.0 | 0 |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.5 | 9.1 | 328.7 | 975.0 | 12.2 | 99.9 | 181.5 | 2.9 | 0.1 | 2.9 | 287.4 | 999.9 | 99.9 | 99.9 | 0.3 | 333 |
| 1.3 | 11.4 | 545.5 | 950.0 | 10.4 | 99.9 | 173.9 | 5.6 | -0.6 | 5.5 | 287.8 | 999.9 | 8.0 | 95.4 | 0.5 | 333 |
| 2.2 | 13.8 | 767.9 | 925.0 | 10.0 | 9.3 | 183.1 | 8.3 | 0.4 | 8.2 | 289.6 | 308.5 | 8.0 | 95.0 | 0.8 | 346 |
| 3.2 | 16.2 | 996.4 | 900.0 | 10.4 | 9.4 | 193.0 | 7.7 | 1.7 | 7.5 | 292.3 | 314.1 | 8.3 | 93.4 | 1.3 | 354 |
| 4.1 | 18.5 | 1231.6 | 875.0 | 10.4 | 7.1 | 210.2 | 7.9 | 4.0 | 7.3 | 294.6 | 314.0 | 7.3 | 79.9 | 1.7 | 0 |
| 5.0 | 21.0 | 1472.8 | 850.0 | 9.3 | 8.5 | 224.7 | 9.7 | 6.8 | 6.9 | 295.9 | 318.0 | 8.3 | 94.9 | 2.1 | 8 |
| 5.9 | 23.5 | 1720.7 | 825.0 | 8.4 | 7.3 | 225.1 | 11.0 | 7.8 | 7.8 | 297.5 | 318.6 | 7.8 | 92.8 | 2.5 | 17 |
| 6.8 | 25.9 | 1974.8 | 800.0 | 8.4 | 5.7 | 221.4 | 11.4 | 7.5 | 8.5 | 298.0 | 317.6 | 7.2 | 95.2 | 3.1 | 21 |
| 7.7 | 28.4 | 2235.2 | 775.0 | 5.6 | 2.4 | 223.7 | 10.5 | 7.3 | 7.6 | 299.9 | 316.3 | 6.0 | 81.2 | 3.6 | 25 |
| 8.6 | 30.9 | 2504.2 | 750.0 | 6.3 | -3.1 | 223.3 | 11.3 | 9.1 | 6.7 | 303.5 | 315.1 | 4.1 | 50.7 | 4.2 | 28 |
| 9.8 | 33.5 | 2781.6 | 725.0 | 4.6 | -4.2 | 242.1 | 13.4 | 11.8 | 6.3 | 304.5 | 315.7 | 3.9 | 52.8 | 4.9 | 33 |
| 10.9 | 36.1 | 3066.8 | 700.0 | 3.2 | -7.5 | 245.8 | 14.1 | 12.9 | 5.8 | 306.0 | 315.4 | 3.2 | 46.3 | 5.8 | 38 |
| 12.1 | 38.8 | 3360.4 | 675.0 | 0.9 | -10.1 | 248.1 | 14.6 | 13.5 | 5.4 | 306.6 | 314.5 | 2.6 | 43.6 | 6.7 | 42 |
| 13.2 | 41.6 | 3662.4 | 650.0 | -1.8 | -11.4 | 253.0 | 16.3 | 14.0 | 4.3 | 306.9 | 314.4 | 2.5 | 48.2 | 7.6 | 46 |
| 14.4 | 44.3 | 3973.1 | 625.0 | -4.2 | -28.2 | 254.6 | 16.3 | 15.8 | 4.3 | 307.7 | 309.6 | 0.6 | 13.3 | 8.5 | 49 |
| 15.5 | 47.1 | 4293.0 | 600.0 | -7.2 | -24.1 | 255.7 | 16.1 | 15.6 | 4.0 | 307.8 | 310.7 | 0.9 | 24.4 | 9.5 | 52 |
| 16.7 | 50.0 | 4623.1 | 575.0 | -8.7 | -55.4 | 259.0 | 16.3 | 15.0 | 3.1 | 309.8 | 310.0 | 0.0 | 1.0 | 10.6 | 55 |
| 18.0 | 52.9 | 4965.8 | 550.0 | -11.3 | -57.1 | 262.8 | 16.5 | 15.3 | 2.1 | 310.7 | 310.8 | 0.0 | 1.0 | 11.8 | 58 |
| 19.4 | 55.9 | 5320.9 | 525.0 | -13.8 | -58.7 | 260.8 | 16.7 | 15.5 | 2.7 | 311.8 | 311.9 | 0.0 | 1.0 | 13.0 | 60 |
| 20.9 | 58.9 | 5689.5 | 500.0 | -16.1 | -60.1 | 256.8 | 20.4 | 15.8 | 4.7 | 313.4 | 313.5 | 0.0 | 1.0 | 14.6 | 64 |
| 22.5 | 62.0 | 6073.9 | 475.0 | -18.2 | -61.5 | 258.0 | 23.4 | 22.9 | 4.9 | 315.4 | 315.5 | 0.0 | 1.0 | 16.6 | 68 |
| 24.1 | 65.3 | 6475.6 | 450.0 | -20.9 | -63.3 | 260.2 | 25.7 | 25.3 | 4.4 | 316.9 | 317.0 | 0.0 | 1.0 | 18.9 | 72 |
| 25.8 | 68.6 | 6895.2 | 425.0 | -24.3 | -65.4 | 259.2 | 26.9 | 26.4 | 5.0 | 317.9 | 318.0 | 0.0 | 1.0 | 21.6 | 76 |
| 27.5 | 71.9 | 7333.9 | 400.0 | -27.8 | -67.7 | 256.4 | 27.6 | 26.8 | 6.5 | 318.8 | 318.9 | 0.0 | 1.0 | 24.3 | 80 |
| 29.6 | 75.4 | 7795.0 | 375.0 | -31.0 | -69.8 | 252.3 | 30.4 | 28.9 | 9.2 | 320.6 | 320.6 | 0.0 | 1.0 | 27.7 | 84 |
| 31.3 | 79.0 | 8280.4 | 350.0 | -34.4 | -72.0 | 253.1 | 31.4 | 30.0 | 9.1 | 322.4 | 322.5 | 0.0 | 1.0 | 31.0 | 88 |
| 33.3 | 82.8 | 8795.0 | 325.0 | -37.9 | -74.4 | 255.7 | 35.0 | 33.9 | 8.6 | 324.5 | 324.5 | 0.0 | 1.0 | 34.9 | 92 |
| 35.4 | 86.8 | 9341.9 | 300.0 | -41.7 | -79.9 | 257.9 | 38.9 | 38.0 | 8.1 | 326.6 | 326.6 | 99.9 | 99.9 | 39.5 | 96 |
| 37.6 | 90.8 | 9927.4 | 275.0 | -45.4 | -85.9 | 258.2 | 41.4 | 40.6 | 8.5 | 329.5 | 329.5 | 99.9 | 99.9 | 44.8 | 100 |
| 40.1 | 95.3 | 10557.0 | 250.0 | -49.9 | -99.9 | 257.0 | 44.0 | 42.9 | 9.9 | 331.9 | 331.9 | 99.9 | 99.9 | 51.1 | 104 |
| 42.8 | 100.0 | 11240.3 | 225.0 | -53.5 | -99.9 | 256.2 | 41.0 | 39.8 | 9.8 | 336.6 | 336.6 | 99.9 | 99.9 | 58.2 | 108 |
| 45.8 | 104.8 | 11993.4 | 200.0 | -56.3 | -99.9 | 255.3 | 40.3* | 39.0 | 10.2 | 343.6 | 343.6 | 99.9 | 99.9 | 65.6 | 112 |
| 49.1 | 110.3 | 12837.9 | 175.0 | -58.7 | -99.9 | 247.4 | 34.9* | 32.2 | 13.4 | 353.1 | 353.1 | 99.9 | 99.9 | 73.0 | 116 |
| 53.0 | 116.2 | 13805.9 | 150.0 | -56.9 | -99.9 | 250.1 | 41.9* | 39.4 | 14.3 | 372.0 | 372.0 | 99.9 | 99.9 | 81.0 | 120 |
| 57.3 | 122.7 | 14957.7 | 125.0 | -58.8 | -99.9 | 262.5 | 29.2* | 29.0 | 3.8 | 388.6 | 388.6 | 99.9 | 99.9 | 91.0 | 124 |
| 62.3 | 130.0 | 16350.6 | 100.0 | -62.1 | -99.9 | 255.9 | 27.9* | 27.0 | 6.8 | 407.8 | 407.8 | 99.9 | 99.9 | 99.1 | 128 |
| 68.6 | 138.7 | 18109.1 | 75.0 | -65.3 | -99.9 | 284.7 | 22.3* | 21.6 | 16.1 | 436.1 | 436.1 | 99.9 | 99.9 | 107.7 | 132 |
| 72.1 | 148.7 | 20598.7 | 50.0 | -61.6 | -99.9 | 185.0 | 16.2* | 1.4 | 16.1 | 498.4 | 498.4 | 99.9 | 99.9 | 106.3 | 136 |
| 84.7 | 159.3 | 25015.8 | 25.0 | -51.3 | -99.9 | 309.2 | 7.9 | 6.1 | -5.0 | 637.6 | 637.6 | 99.9 | 99.9 | 106.4 | 140 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL DATA
OF POOR QUALITY

STATION NO. 9
HEWITT, TEXAS
24 APRIL 1982
256 GMT

| TIME MIN | ONTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0 | 7.3 | 184.1 | 991.5 | 13.4 | 12.8 | 180.0 | 2.9 | 0.0 | 2.9 | 287.3 | 311.3 | 9.4 | 96.0 | 0.0 | 0.0 |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.0 | 8.8 | 325.2 | 975.0 | 13.4* | 99.9 | 183.8 | 8.7 | 0.8 | 8.7 | 288.6 | 313.9 | 99.9 | 99.9 | 0.7 | 342.0 |
| 0.3 | 11.1 | 543.3 | 950.0 | 12.4 | 11.6 | 183.4 | 9.4 | 0.6 | 9.4 | 289.8 | 315.4 | 99.9 | 95.0 | 0.7 | 342.0 |
| 1.3 | 13.5 | 767.5 | 925.0 | 12.0 | 11.2 | 185.0 | 10.0 | 0.9 | 10.0 | 291.6 | 317.2 | 9.1 | 94.7 | 1.1 | 349.0 |
| 2.2 | 15.8 | 997.5 | 900.0 | 11.5 | 10.7 | 199.5 | 10.5 | 3.5 | 9.9 | 293.4 | 317.4 | 9.0 | 94.7 | 1.7 | 357.0 |
| 3.2 | 18.3 | 1233.2 | 875.0 | 10.4 | 9.6 | 206.8 | 11.3 | 5.1 | 10.0 | 294.6 | 317.5 | 8.6 | 94.7 | 2.3 | 357.0 |
| 4.2 | 20.7 | 1474.6 | 850.0 | 9.2 | 8.3 | 210.2 | 12.0 | 6.0 | 10.4 | 295.7 | 317.5 | 8.1 | 94.7 | 2.9 | 357.0 |
| 5.1 | 23.1 | 1721.9 | 825.0 | 7.6 | 6.7 | 220.1 | 11.7 | 7.5 | 9.0 | 296.6 | 317.5 | 7.5 | 94.7 | 3.6 | 357.0 |
| 6.1 | 25.6 | 1975.7 | 800.0 | 6.9 | 6.1 | 230.4 | 10.1 | 7.8 | 8.4 | 298.5 | 317.5 | 7.5 | 94.7 | 4.1 | 357.0 |
| 7.5 | 28.2 | 2235.2 | 775.0 | 6.5* | 5.5 | 237.3 | 14.8 | 12.5 | 8.0 | 300.8 | 317.5 | 5.5 | 99.9 | 4.7 | 357.0 |
| 8.4 | 30.7 | 2504.7 | 750.0 | 5.2* | 4.1 | 239.2 | 15.7 | 13.8 | 9.0 | 302.2 | 317.5 | 5.5 | 99.9 | 5.7 | 357.0 |
| 9.5 | 33.3 | 2800.9 | 725.0 | 4.1 | -27.8 | 239.2 | 15.7 | 13.8 | 8.0 | 304.0 | 317.5 | 0.5 | 99.9 | 6.7 | 357.0 |
| 10.7 | 35.9 | 3084.9 | 700.0 | 2.2 | -30.5 | 247.0 | 15.9 | 15.6 | 6.6 | 304.9 | 317.5 | 0.4 | 99.9 | 7.7 | 357.0 |
| 11.9 | 38.5 | 3357.1 | 675.0 | 0.0 | -34.1 | 251.7 | 16.9 | 15.6 | 5.3 | 306.3 | 317.5 | 0.3 | 99.9 | 8.9 | 357.0 |
| 13.2 | 41.2 | 3658.0 | 650.0 | -1.8 | -37.5 | 253.5 | 16.1 | 15.4 | 4.6 | 306.9 | 317.5 | 0.2 | 99.9 | 10.0 | 357.0 |
| 14.5 | 43.9 | 3968.4 | 625.0 | -3.8 | -38.4 | 257.1 | 18.5 | 18.1 | 3.7 | 308.1 | 317.5 | 0.2 | 99.9 | 11.1 | 357.0 |
| 15.7 | 46.6 | 4268.3 | 600.0 | -5.8 | -39.6 | 260.6 | 18.6 | 18.4 | 2.7 | 309.4 | 317.5 | 0.2 | 99.9 | 12.1 | 357.0 |
| 16.9 | 49.3 | 4520.7 | 575.0 | -8.9 | -41.9 | 261.9 | 16.5 | 16.1 | 2.3 | 309.5 | 317.5 | 0.2 | 99.9 | 13.2 | 357.0 |
| 18.4 | 52.2 | 4822.9 | 550.0 | -11.9 | -43.6 | 261.1 | 19.0 | 18.6 | 2.7 | 310.0 | 317.5 | 0.2 | 99.9 | 14.5 | 357.0 |
| 19.9 | 55.1 | 5116.7 | 525.0 | -15.2 | -46.0 | 261.1 | 20.9 | 20.6 | 3.2 | 311.7 | 317.5 | 0.1 | 99.9 | 16.0 | 357.0 |
| 21.4 | 58.1 | 5463.3 | 500.0 | -17.5 | -47.3 | 260.7 | 21.3 | 21.0 | 3.2 | 313.9 | 317.5 | 0.1 | 99.9 | 17.8 | 357.0 |
| 22.9 | 61.1 | 5866.2 | 475.0 | -19.5 | -48.2 | 260.2 | 22.7 | 22.4 | 3.5 | 316.1 | 317.5 | 0.1 | 99.9 | 19.4 | 357.0 |
| 24.4 | 64.3 | 6268.4 | 450.0 | -21.6 | -50.1 | 258.1 | 25.3 | 24.7 | 5.2 | 317.1 | 317.5 | 0.1 | 99.9 | 21.4 | 357.0 |
| 26.1 | 67.6 | 6685.0 | 425.0 | -24.9 | -51.6 | 257.2 | 25.1 | 25.4 | 5.8 | 317.7 | 317.5 | 0.1 | 99.9 | 23.8 | 357.0 |
| 27.9 | 70.9 | 7122.4 | 400.0 | -28.7 | -54.0 | 257.7 | 27.5 | 26.9 | 5.8 | 318.7 | 317.5 | 0.1 | 99.9 | 26.8 | 357.0 |
| 29.8 | 74.3 | 7581.1 | 375.0 | -32.4 | -56.8 | 259.8 | 27.7 | 27.2 | 5.4 | 319.5 | 317.5 | 0.0 | 99.9 | 29.8 | 357.0 |
| 32.0 | 77.9 | 8053.3 | 350.0 | -36.6 | -59.9 | 259.9 | 30.6 | 30.2 | 4.9 | 321.2 | 317.5 | 99.9 | 99.9 | 33.2 | 357.0 |
| 34.0 | 81.4 | 8573.0 | 325.0 | -40.3 | -63.3 | 254.4 | 32.9 | 31.7 | 8.8 | 323.8 | 317.5 | 99.9 | 99.9 | 36.6 | 357.0 |
| 36.2 | 85.3 | 9114.8 | 300.0 | -43.7 | -66.6 | 253.1 | 35.3 | 33.7 | 10.3 | 327.0 | 317.5 | 99.9 | 99.9 | 40.7 | 357.0 |
| 38.6 | 89.3 | 9695.8 | 275.0 | -47.1 | -69.9 | 252.3 | 38.4 | 36.6 | 11.1 | 330.9 | 317.5 | 99.9 | 99.9 | 45.6 | 357.0 |
| 41.1 | 93.5 | 10323.0 | 250.0 | -50.6 | -73.3 | 251.8 | 40.1* | 33.3 | 11.1 | 335.9 | 317.5 | 99.9 | 99.9 | 51.3 | 357.0 |
| 44.1 | 98.0 | 11204.9 | 225.0 | -53.9 | -76.6 | 249.8 | 35.7 | 33.6 | 12.0 | 342.5 | 317.5 | 99.9 | 99.9 | 58.0 | 357.0 |
| 47.2 | 102.7 | 12198.6 | 200.0 | -57.0 | -79.9 | 248.6 | 35.5* | 33.3 | 12.3 | 353.1 | 317.5 | 99.9 | 99.9 | 64.5 | 357.0 |
| 50.2 | 107.8 | 13298.7 | 175.0 | -60.2 | -83.3 | 248.6 | 36.2* | 35.0 | 12.3 | 371.8 | 317.5 | 99.9 | 99.9 | 72.2 | 357.0 |
| 54.4 | 113.5 | 14399.2 | 150.0 | -63.1 | -86.6 | 248.6 | 31.5* | 30.7 | 9.2 | 388.5 | 317.5 | 99.9 | 99.9 | 80.7 | 357.0 |
| 59.0 | 119.5 | 15499.7 | 125.0 | -66.2 | -89.9 | 248.6 | 21.5* | 18.8 | 7.3 | 411.4 | 317.5 | 99.9 | 99.9 | 89.8 | 357.0 |
| 64.4 | 126.3 | 16322.2 | 100.0 | -69.2 | -93.3 | 248.6 | 12.3* | 10.4 | 10.4 | 434.2 | 317.5 | 99.9 | 99.9 | 100.1 | 357.0 |
| 71.1 | 133.7 | 18081.1 | 75.0 | -72.2 | -96.6 | 248.6 | 7.9 | 10.0 | 4.4 | 501.8 | 317.5 | 99.9 | 99.9 | 104.0 | 357.0 |
| 80.3 | 142.3 | 20561.0 | 50.0 | -75.2 | -99.9 | 248.6 | 99.9 | 99.9 | 99.9 | 633.8 | 317.5 | 99.9 | 99.9 | 99.9 | 357.0 |
| 94.9 | 151.3 | 24989.4 | 25.0 | -82.6 | -99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 ** BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 *** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
 **** BY TEMP MEANS MISSING DATA STRUTUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 9
HEWITT, TEXAS
24 APRIL 1982
504 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0 0 | 7 5 | 184.1 | 991.5 | 14.1 | 12.8 | 200.0 | 1.4 | 0.5 | 1.3 | 288.0 | 312.2 | 9.4 | 92.0 | 0.0 | 0 |
| 99 9 | 99 9 | 1000.0 | 999.9 | 99.9 | 99.9 | 173.1 | 6.3 | 99.9 | 99.9 | 286.9 | 308.6 | 8.5 | 999.9 | 999.9 | 999.9 |
| 0 6 | 9 1 | 324.9 | 975.0 | 11.7 | 10.9 | 173.1 | 6.3 | -0.8 | 6.3 | 286.9 | 308.6 | 8.5 | 999.9 | 999.9 | 999.9 |
| 1 4 | 11 4 | 542.4 | 950.0 | 11.0 | 10.2 | 178.3 | 8.7 | -0.3 | 8.7 | 288.4 | 309.2 | 8.3 | 94.9 | 0.5 | 353 |
| 2 2 | 13 7 | 766.2 | 925.0 | 12.5 | 11.7 | 198.6 | 11.0 | 3.5 | 10.5 | 292.1 | 316.7 | 8.4 | 94.6 | 0.5 | 359 |
| 3 1 | 16 1 | 996.3 | 900.0 | 11.3 | 10.5 | 213.0 | 11.9 | 6.5 | 10.0 | 293.2 | 316.7 | 8.9 | 95.1 | 1.6 | 11 |
| 4 1 | 18 5 | 1232.0 | 875.0 | 10.4 | 9.7 | 211.2 | 13.5 | 7.0 | 11.5 | 294.6 | 317.6 | 8.9 | 95.1 | 1.6 | 11 |
| 5 0 | 20 9 | 1720.3 | 850.0 | 9.8 | 8.0 | 215.6 | 12.7 | 7.4 | 10.4 | 295.4 | 317.6 | 8.7 | 94.8 | 2.3 | 18 |
| 5 9 | 23 4 | 1972.9 | 825.0 | 7.4 | 6.6 | 226.6 | 14.2 | 10.3 | 10.4 | 296.4 | 316.4 | 8.0 | 94.8 | 2.3 | 18 |
| 7 0 | 25 9 | 2234.7 | 800.0 | 8.4 | 7.2 | 249.9 | 14.2 | 13.3 | 9.8 | 300.1 | 304.0 | 7.4 | 94.5 | 3.7 | 25 |
| 8 0 | 28 3 | 2502.9 | 775.0 | 7.2 | 6.6 | 255.9 | 13.7 | 13.3 | 4.9 | 301.6 | 304.0 | 1.3 | 94.5 | 3.7 | 25 |
| 9 1 | 30 9 | 2778.2 | 750.0 | 4.6 | -21.1 | 261.1 | 13.6 | 13.3 | 3.3 | 301.6 | 304.0 | 0.9 | 94.5 | 3.7 | 25 |
| 10 1 | 33 4 | 3061.1 | 725.0 | 3.1 | -23.6 | 263.0 | 14.9 | 14.8 | 2.1 | 302.8 | 305.3 | 0.9 | 94.5 | 3.7 | 25 |
| 11 0 | 36 0 | 3352.8 | 700.0 | 1.3 | -26.5 | 264.7 | 16.4 | 16.4 | 1.5 | 303.9 | 305.3 | 0.8 | 94.5 | 3.7 | 25 |
| 12 1 | 38 7 | 3653.7 | 675.0 | -0.1 | -30.1 | 262.3 | 16.7 | 16.6 | 1.5 | 305.6 | 307.3 | 0.6 | 94.5 | 3.7 | 25 |
| 13 1 | 41 3 | 3963.6 | 650.0 | -2.0 | -31.7 | 258.4 | 15.2 | 15.8 | 2.3 | 306.7 | 308.3 | 0.5 | 94.5 | 3.7 | 25 |
| 14 2 | 44 1 | 4283.4 | 625.0 | -4.6 | -34.5 | 253.8 | 15.9 | 15.4 | 3.2 | 307.7 | 308.6 | 0.5 | 94.5 | 3.7 | 25 |
| 15 4 | 46 9 | 4613.5 | 600.0 | -7.3 | -36.2 | 253.8 | 17.2 | 16.5 | 4.2 | 307.7 | 308.6 | 0.4 | 94.5 | 3.7 | 25 |
| 16 5 | 49 8 | 4955.0 | 575.0 | -9.9 | -38.0 | 251.1 | 19.0 | 18.2 | 5.5 | 308.4 | 309.5 | 0.3 | 94.5 | 3.7 | 25 |
| 17 8 | 52 7 | 5308.4 | 550.0 | -12.3 | -40.9 | 249.3 | 20.9 | 19.5 | 7.4 | 309.5 | 310.4 | 0.3 | 94.5 | 3.7 | 25 |
| 19 0 | 55 6 | 5675.5 | 525.0 | -15.2 | -42.4 | 258.4 | 20.7 | 19.6 | 6.7 | 310.2 | 310.9 | 0.2 | 94.5 | 3.7 | 25 |
| 20 5 | 58 8 | 6057.4 | 500.0 | -17.5 | -44.4 | 262.8 | 20.6 | 20.1 | 4.1 | 311.7 | 312.3 | 0.2 | 94.5 | 3.7 | 25 |
| 21 9 | 61 8 | 6455.5 | 475.0 | -20.4 | -46.2 | 260.3 | 22.6 | 19.8 | 2.5 | 312.7 | 313.3 | 0.2 | 94.5 | 3.7 | 25 |
| 23 4 | 65 0 | 6872.4 | 450.0 | -23.0 | -48.3 | 257.2 | 23.6 | 22.2 | 5.2 | 314.4 | 314.8 | 0.1 | 94.5 | 3.7 | 25 |
| 24 9 | 68 3 | 7308.9 | 400.0 | -25.7 | -48.7 | 254.1 | 25.6 | 23.0 | 5.2 | 316.1 | 316.6 | 0.1 | 94.5 | 3.7 | 25 |
| 26 5 | 71 6 | 7766.1 | 375.0 | -29.2 | -51.7 | 256.0 | 25.6 | 24.6 | 7.0 | 317.1 | 317.5 | 0.1 | 94.5 | 3.7 | 25 |
| 28 1 | 75 0 | 8247.0 | 350.0 | -33.1 | -54.8 | 256.0 | 25.4 | 24.6 | 7.0 | 317.1 | 317.5 | 0.1 | 94.5 | 3.7 | 25 |
| 30 0 | 78 7 | 8754.5 | 325.0 | -37.2 | -54.8 | 256.0 | 25.4 | 24.6 | 7.0 | 317.1 | 317.5 | 0.1 | 94.5 | 3.7 | 25 |
| 32 0 | 82 5 | 9293.3 | 300.0 | -41.6 | -54.8 | 256.0 | 25.4 | 24.6 | 7.0 | 317.1 | 317.5 | 0.1 | 94.5 | 3.7 | 25 |
| 34 0 | 86 3 | 9869.9 | 275.0 | -44.9 | -54.8 | 256.0 | 25.4 | 24.6 | 7.0 | 317.1 | 317.5 | 0.1 | 94.5 | 3.7 | 25 |
| 36 4 | 90 5 | 10495.1 | 250.0 | -48.2 | -54.8 | 256.0 | 25.4 | 24.6 | 7.0 | 317.1 | 317.5 | 0.1 | 94.5 | 3.7 | 25 |
| 38 7 | 94 8 | 11177.9 | 225.0 | -50.5 | -54.8 | 256.0 | 25.4 | 24.6 | 7.0 | 317.1 | 317.5 | 0.1 | 94.5 | 3.7 | 25 |
| 41 1 | 99 4 | 11926.3 | 200.0 | -53.8 | -54.8 | 256.0 | 25.4 | 24.6 | 7.0 | 317.1 | 317.5 | 0.1 | 94.5 | 3.7 | 25 |
| 44 0 | 104 4 | 12772.2 | 175.0 | -57.1 | -54.8 | 256.0 | 25.4 | 24.6 | 7.0 | 317.1 | 317.5 | 0.1 | 94.5 | 3.7 | 25 |
| 47 4 | 109 8 | 13747.6 | 150.0 | -57.3 | -54.8 | 256.0 | 25.4 | 24.6 | 7.0 | 317.1 | 317.5 | 0.1 | 94.5 | 3.7 | 25 |
| 51 0 | 115 7 | 14901.1 | 125.0 | -55.8 | -54.8 | 256.0 | 25.4 | 24.6 | 7.0 | 317.1 | 317.5 | 0.1 | 94.5 | 3.7 | 25 |
| 54 8 | 122 0 | 16303.3 | 100.0 | -60.4 | -54.8 | 256.0 | 25.4 | 24.6 | 7.0 | 317.1 | 317.5 | 0.1 | 94.5 | 3.7 | 25 |
| 59 4 | 129 3 | 18062.4 | 75.0 | -65.8 | -54.8 | 256.0 | 25.4 | 24.6 | 7.0 | 317.1 | 317.5 | 0.1 | 94.5 | 3.7 | 25 |
| 64 9 | 137 7 | 20541.2 | 50.0 | -60.9 | -54.8 | 256.0 | 25.4 | 24.6 | 7.0 | 317.1 | 317.5 | 0.1 | 94.5 | 3.7 | 25 |
| 72 8 | 147 3 | 24921.5 | 25.0 | -54.4 | -54.8 | 256.0 | 25.4 | 24.6 | 7.0 | 317.1 | 317.5 | 0.1 | 94.5 | 3.7 | 25 |
| 85 8 | 157 5 | | | | | | | | | | | | | | |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
 ** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE 13
OF POOR QUALITY

| STATION NO. 10 MENARD, TEXAS | | | | | | | | | | | | | | | 145 30. 0 | |
|---------------------------------|--------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|-----------|--|
| 24 APRIL 1982 1159 GMT | | | | | | | | | | | | | | | | |
| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG | |
| 0. 0 | 14. 2 | 588. 3 | 949. 5 | 9. 3 | 7. 7 | 999. 9 | 99. 9 | 99. 9 | 99. 9 | 286. 7 | 304. 8 | 7. 0 | 90. 0 | 999. 9 | 999. 9 | |
| 99. 9 | 99. 9 | 99. 9 | 1000. 0 | 99. 9 | 99. 9 | 99. 9 | 99. 9 | 99. 9 | 99. 9 | 99. 9 | 999. 9 | 99. 9 | 999. 9 | 999. 9 | 999. 9 | |
| 99. 9 | 99. 9 | 99. 9 | 99. 9 | 99. 9 | 99. 9 | 99. 9 | 99. 9 | 99. 9 | 99. 9 | 99. 9 | 999. 9 | 99. 9 | 999. 9 | 999. 9 | 999. 9 | |
| 99. 9 | 99. 9 | 99. 9 | 99. 9 | 99. 9 | 99. 9 | 99. 9 | 99. 9 | 99. 9 | 99. 9 | 99. 9 | 999. 9 | 99. 9 | 999. 9 | 999. 9 | 999. 9 | |
| 1. 0 | 18. 5 | 804. 5 | 950. 0 | 7. 5 | 6. 9 | 999. 9 | 99. 9 | 99. 9 | 99. 9 | 286. 9 | 304. 5 | 6. 8 | 96. 1 | 999. 9 | 999. 9 | |
| 1. 8 | 19. 0 | 1029. 8 | 900. 0 | 6. 4 | 5. 7 | 999. 9 | 99. 9 | 99. 9 | 99. 9 | 288. 1 | 304. 9 | 6. 4 | 95. 5 | 999. 9 | 999. 9 | |
| 2. 7 | 21. 4 | 1262. 4 | 875. 0 | 7. 9 | 7. 0 | 999. 9 | 99. 9 | 99. 9 | 99. 9 | 292. 0 | 311. 1 | 7. 2 | 94. 5 | 999. 9 | 999. 9 | |
| 3. 5 | 23. 8 | 1502. 1 | 850. 0 | 8. 1 | 7. 3 | 999. 9 | 99. 9 | 99. 9 | 99. 9 | 294. 7 | 314. 9 | 7. 6 | 94. 3 | 999. 9 | 999. 9 | |
| 4. 4 | 26. 3 | 1749. 0 | 825. 0 | 7. 8 | 6. 9 | 999. 9 | 99. 9 | 99. 9 | 99. 9 | 296. 9 | 317. 4 | 7. 5 | 93. 8 | 999. 9 | 999. 9 | |
| 5. 2 | 28. 8 | 2002. 9 | 800. 0 | 6. 8 | 5. 9 | 999. 9 | 99. 9 | 99. 9 | 99. 9 | 298. 4 | 318. 3 | 7. 3 | 93. 8 | 999. 9 | 999. 9 | |
| 6. 2 | 31. 4 | 2264. 2 | 775. 0 | 6. 1 | 2. 3 | 999. 9 | 99. 9 | 99. 9 | 99. 9 | 300. 4 | 318. 3 | 6. 0 | 93. 8 | 999. 9 | 999. 9 | |
| 7. 2 | 33. 9 | 2533. 0 | 750. 0 | 5. 9 | -3. 9 | 999. 9 | 99. 9 | 99. 9 | 99. 9 | 303. 0 | 314. 0 | 3. 8 | 93. 8 | 999. 9 | 999. 9 | |
| 8. 1 | 36. 5 | 2810. 5 | 725. 0 | 4. 6 | -6. 3 | 999. 9 | 99. 9 | 99. 9 | 99. 9 | 303. 0 | 314. 0 | 3. 3 | 93. 8 | 999. 9 | 999. 9 | |
| 9. 2 | 39. 2 | 3095. 2 | 700. 0 | 2. 3 | -6. 9 | 999. 9 | 99. 9 | 99. 9 | 99. 9 | 305. 0 | 314. 6 | 3. 3 | 93. 8 | 999. 9 | 999. 9 | |
| 10. 3 | 41. 9 | 3388. 2 | 675. 0 | 0. 3 | -8. 0 | 999. 9 | 99. 9 | 99. 9 | 99. 9 | 306. 0 | 315. 1 | 3. 1 | 93. 8 | 999. 9 | 999. 9 | |
| 11. 2 | 44. 6 | 3689. 7 | 650. 0 | -2. 2 | -8. 2 | 999. 9 | 99. 9 | 99. 9 | 99. 9 | 308. 4 | 317. 4 | 3. 7 | 93. 8 | 999. 9 | 999. 9 | |
| 12. 3 | 47. 3 | 4000. 3 | 625. 0 | -4. 6 | -6. 4 | 999. 9 | 99. 9 | 99. 9 | 99. 9 | 307. 2 | 318. 3 | 3. 8 | 93. 8 | 999. 9 | 999. 9 | |
| 13. 4 | 50. 1 | 4320. 7 | 600. 0 | -6. 7 | -9. 7 | 999. 9 | 99. 9 | 99. 9 | 99. 9 | 308. 4 | 317. 5 | 3. 0 | 93. 8 | 999. 9 | 999. 9 | |
| 14. 6 | 53. 0 | 4651. 5 | 575. 0 | -9. 7 | 99. 9 | 999. 9 | 99. 9 | 99. 9 | 99. 9 | 308. 6 | 317. 5 | 99. 9 | 99. 9 | 999. 9 | 999. 9 | |
| 16. 0 | 55. 9 | 4992. 9 | 550. 0 | -12. 1* | 99. 9 | 999. 9 | 99. 9 | 99. 9 | 99. 9 | 309. 7 | 317. 5 | 99. 9 | 99. 9 | 999. 9 | 999. 9 | |
| 17. 3 | 58. 9 | 5347. 1 | 525. 0 | -14. 4* | 99. 9 | 999. 9 | 99. 9 | 99. 9 | 99. 9 | 311. 1 | 317. 4 | 99. 9 | 99. 9 | 999. 9 | 999. 9 | |
| 18. 8 | 61. 9 | 5715. 5 | 500. 0 | -16. 8 | -20. 5 | 999. 9 | 99. 9 | 99. 9 | 99. 9 | 312. 6 | 317. 4 | 1. 5 | 99. 9 | 999. 9 | 999. 9 | |
| 20. 2 | 65. 0 | 6099. 2 | 475. 0 | -19. 3 | -25. 6 | 999. 9 | 99. 9 | 99. 9 | 99. 9 | 314. 1 | 317. 4 | 1. 0 | 99. 9 | 999. 9 | 999. 9 | |
| 21. 7 | 68. 3 | 6499. 9 | 450. 0 | -21. 7 | -57. 6 | 999. 9 | 99. 9 | 99. 9 | 99. 9 | 318. 0 | 318. 2 | 0. 0 | 99. 9 | 999. 9 | 999. 9 | |
| 23. 1 | 71. 5 | 6899. 9 | 425. 0 | -24. 1 | -58. 4 | 999. 9 | 99. 9 | 99. 9 | 99. 9 | 318. 1 | 318. 2 | 0. 0 | 99. 9 | 999. 9 | 999. 9 | |
| 24. 7 | 74. 9 | 7357. 7 | 400. 0 | -28. 4 | -59. 8 | 999. 9 | 99. 9 | 99. 9 | 99. 9 | 318. 9 | 318. 2 | 0. 0 | 99. 9 | 999. 9 | 999. 9 | |
| 26. 4 | 78. 4 | 7817. 2 | 375. 0 | -32. 3 | -61. 4 | 999. 9 | 99. 9 | 99. 9 | 99. 9 | 318. 9 | 319. 0 | 0. 0 | 99. 9 | 999. 9 | 999. 9 | |
| 28. 1 | 82. 0 | 8300. 0 | 350. 0 | -35. 1 | -62. 9 | 999. 9 | 99. 9 | 99. 9 | 99. 9 | 321. 7 | 321. 5 | 0. 0 | 99. 9 | 999. 9 | 999. 9 | |
| 29. 9 | 85. 8 | 8811. 2 | 325. 0 | -39. 9 | 99. 9 | 999. 9 | 99. 9 | 99. 9 | 99. 9 | 321. 7 | 321. 5 | 99. 9 | 99. 9 | 999. 9 | 999. 9 | |
| 31. 9 | 89. 7 | 9352. 2 | 300. 0 | -44. 4 | 99. 9 | 999. 9 | 99. 9 | 99. 9 | 99. 9 | 322. 8 | 322. 8 | 99. 9 | 99. 9 | 999. 9 | 999. 9 | |
| 34. 0 | 93. 8 | 9832. 3 | 275. 0 | -45. 9 | 99. 9 | 999. 9 | 99. 9 | 99. 9 | 99. 9 | 323. 1 | 323. 1 | 99. 9 | 99. 9 | 999. 9 | 999. 9 | |
| 36. 3 | 98. 2 | 10327. 7 | 250. 0 | -49. 1 | 99. 9 | 999. 9 | 99. 9 | 99. 9 | 99. 9 | 323. 1 | 323. 1 | 99. 9 | 99. 9 | 999. 9 | 999. 9 | |
| 38. 7 | 102. 7 | 11277. 7 | 225. 0 | -53. 3 | 99. 9 | 999. 9 | 99. 9 | 99. 9 | 99. 9 | 323. 1 | 323. 1 | 99. 9 | 99. 9 | 999. 9 | 999. 9 | |
| 41. 2 | 107. 6 | 12000. 8 | 200. 0 | -58. 8 | 99. 9 | 999. 9 | 99. 9 | 99. 9 | 99. 9 | 323. 1 | 323. 1 | 99. 9 | 99. 9 | 999. 9 | 999. 9 | |
| 44. 2 | 113. 0 | 12844. 1 | 175. 0 | -57. 5 | 99. 9 | 999. 9 | 99. 9 | 99. 9 | 99. 9 | 323. 1 | 323. 1 | 99. 9 | 99. 9 | 999. 9 | 999. 9 | |
| 47. 3 | 118. 7 | 13621. 5 | 150. 0 | -56. 6 | 99. 9 | 999. 9 | 99. 9 | 99. 9 | 99. 9 | 323. 1 | 323. 1 | 99. 9 | 99. 9 | 999. 9 | 999. 9 | |
| 51. 4 | 125. 3 | 14971. 9 | 125. 0 | -59. 2 | 99. 9 | 999. 9 | 99. 9 | 99. 9 | 99. 9 | 323. 1 | 323. 1 | 99. 9 | 99. 9 | 999. 9 | 999. 9 | |
| 55. 7 | 132. 7 | 16357. 1 | 100. 0 | -63. 7 | 99. 9 | 999. 9 | 99. 9 | 99. 9 | 99. 9 | 323. 1 | 323. 1 | 99. 9 | 99. 9 | 999. 9 | 999. 9 | |
| 61. 1 | 141. 0 | 18106. 3 | 75. 0 | -66. 3 | 99. 9 | 999. 9 | 99. 9 | 99. 9 | 99. 9 | 323. 1 | 323. 1 | 99. 9 | 99. 9 | 999. 9 | 999. 9 | |
| 68. 7 | 150. 5 | 20595. 1 | 50. 0 | -61. 0 | 99. 9 | 999. 9 | 99. 9 | 99. 9 | 99. 9 | 323. 1 | 323. 1 | 99. 9 | 99. 9 | 999. 9 | 999. 9 | |
| 99. 9 | 99. 9 | 99. 9 | 25. 0 | 99. 9 | 99. 9 | 99. 9 | 99. 9 | 99. 9 | 99. 9 | 99. 9 | 999. 9 | 99. 9 | 999. 9 | 999. 9 | 999. 9 | |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 ** BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 *** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
 **** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

STATION NO. 10
MENARD, TEXAS
24 APRIL 1982
1454 GMT

144 32. 0

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 10.4 | 588.3 | 950.9 | 9.5 | 8.1 | 180.0 | 1.0 | 0.0 | 1.0 | 285.8 | 305.3 | 7.2 | 91.0 | 0.0 | 0. |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.0 | 10.5 | 596.2 | 950.0 | 9.4* | 8.1 | 99.9 | 99.9 | 99.9 | 99.9 | 286.7 | 305.2 | 7.2 | 91.6 | 0.0 | 0. |
| 0.0 | 12.8 | 816.9 | 925.0 | 7.2 | 6.4 | 99.9 | 99.9 | 99.9 | 99.9 | 287.7 | 303.8 | 6.6 | 94.6 | 0.0 | 0. |
| 1.8 | 15.2 | 1042.2 | 900.0 | 5.8 | 4.9 | 99.9 | 99.9 | 99.9 | 99.9 | 287.5 | 303.5 | 6.1 | 94.6 | 0.0 | 0. |
| 2.6 | 17.5 | 1273.5 | 875.0 | 5.7 | 5.8 | 99.9 | 99.9 | 99.9 | 99.9 | 290.7 | 308.3 | 6.6 | 94.1 | 0.0 | 0. |
| 3.5 | 19.8 | 1512.3 | 850.0 | 6.3 | 6.3 | 99.9 | 99.9 | 99.9 | 99.9 | 293.8 | 312.6 | 7.1 | 93.7 | 0.0 | 0. |
| 4.5 | 22.3 | 1758.3 | 825.0 | 6.3 | 5.3 | 99.9 | 99.9 | 99.9 | 99.9 | 295.2 | 313.5 | 6.8 | 93.4 | 0.0 | 0. |
| 5.4 | 24.7 | 2011.1 | 800.0 | 6.4 | 2.4 | 99.9 | 99.9 | 99.9 | 99.9 | 298.0 | 313.8 | 5.8 | 93.4 | 0.0 | 0. |
| 6.5 | 27.2 | 2271.5 | 775.0 | 5.8 | -0.4 | 99.9 | 99.9 | 99.9 | 99.9 | 300.0 | 313.2 | 4.7 | 93.4 | 0.0 | 0. |
| 7.3 | 29.6 | 2540.2 | 750.0 | 5.2 | -0.4 | 99.9 | 99.9 | 99.9 | 99.9 | 302.2 | 316.2 | 5.0 | 93.4 | 0.0 | 0. |
| 8.4 | 32.1 | 2816.3 | 725.0 | 3.2 | -1.5 | 99.9 | 99.9 | 99.9 | 99.9 | 303.0 | 316.4 | 4.7 | 93.4 | 0.0 | 0. |
| 9.5 | 34.7 | 3100.1 | 700.0 | 1.2 | -3.8 | 99.9 | 99.9 | 99.9 | 99.9 | 303.8 | 315.7 | 4.1 | 93.4 | 0.0 | 0. |
| 10.6 | 37.2 | 3392.1 | 675.0 | -0.5 | -7.4 | 99.9 | 99.9 | 99.9 | 99.9 | 305.1 | 314.7 | 3.2 | 93.4 | 0.0 | 0. |
| 11.8 | 39.9 | 3692.8 | 650.0 | -2.7 | -9.0 | 99.9 | 99.9 | 99.9 | 99.9 | 307.5 | 310.7 | 3.0 | 93.4 | 0.0 | 0. |
| 12.9 | 42.6 | 4003.0 | 625.0 | -4.3 | -22.9 | 99.9 | 99.9 | 99.9 | 99.9 | 308.5 | 311.6 | 1.0 | 93.4 | 0.0 | 0. |
| 14.1 | 45.2 | 4323.2 | 600.0 | -6.6 | -23.3 | 99.9 | 99.9 | 99.9 | 99.9 | 307.5 | 312.8 | 1.2 | 93.4 | 0.0 | 0. |
| 15.4 | 48.0 | 4654.0 | 575.0 | -9.3 | -21.8 | 99.9 | 99.9 | 99.9 | 99.9 | 309.5 | 311.3 | 0.5 | 93.4 | 0.0 | 0. |
| 16.6 | 50.9 | 4955.8 | 550.0 | -12.3 | -35.3 | 99.9 | 99.9 | 99.9 | 99.9 | 309.5 | 311.2 | 0.4 | 93.4 | 0.0 | 0. |
| 18.0 | 53.8 | 5249.5 | 525.0 | -15.3 | -35.3 | 99.9 | 99.9 | 99.9 | 99.9 | 310.0 | 311.0 | 0.0 | 93.4 | 0.0 | 0. |
| 19.3 | 56.8 | 5717.7 | 500.0 | -18.1 | -53.7 | 99.9 | 99.9 | 99.9 | 99.9 | 312.8 | 314.0 | 0.0 | 93.4 | 0.0 | 0. |
| 20.8 | 59.8 | 6102.5 | 475.0 | -18.1 | -55.0 | 99.9 | 99.9 | 99.9 | 99.9 | 315.6 | 315.7 | 0.0 | 93.4 | 0.0 | 0. |
| 22.3 | 62.8 | 6505.2 | 450.0 | -20.1 | -57.6 | 99.9 | 99.9 | 99.9 | 99.9 | 318.0 | 318.1 | 0.0 | 93.4 | 0.0 | 0. |
| 23.8 | 66.0 | 6925.2 | 425.0 | -24.1 | -58.4 | 99.9 | 99.9 | 99.9 | 99.9 | 318.1 | 318.2 | 0.0 | 93.4 | 0.0 | 0. |
| 25.4 | 69.3 | 7383.8 | 400.0 | -28.1 | -59.3 | 99.9 | 99.9 | 99.9 | 99.9 | 318.5 | 318.6 | 0.0 | 93.4 | 0.0 | 0. |
| 27.1 | 72.7 | 7823.7 | 375.0 | -31.7 | -58.7 | 99.9 | 99.9 | 99.9 | 99.9 | 319.7 | 319.8 | 0.0 | 93.4 | 0.0 | 0. |
| 28.7 | 75.2 | 8307.8 | 350.0 | -35.4 | -62.9 | 99.9 | 99.9 | 99.9 | 99.9 | 321.1 | 321.1 | 0.0 | 93.4 | 0.0 | 0. |
| 30.2 | 79.9 | 8819.5 | 325.0 | -39.4 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 322.4 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 31.9 | 83.7 | 9362.4 | 300.0 | -43.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 323.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 33.9 | 87.8 | 9946.6 | 275.0 | -45.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 320.1 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 35.9 | 92.0 | 10580.2 | 250.0 | -47.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 335.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 38.0 | 96.6 | 11268.3 | 225.0 | -52.1 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 338.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 40.3 | 101.4 | 12024.0 | 200.0 | -56.3 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 343.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 42.8 | 106.8 | 12868.3 | 175.0 | -58.1 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 354.1 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 45.8 | 112.5 | 13839.6 | 150.0 | -57.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 371.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 49.5 | 119.0 | 14994.0 | 125.0 | -57.5 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 390.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 53.6 | 126.3 | 16389.8 | 100.0 | -59.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 412.2 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 58.7 | 135.0 | 18156.6 | 75.0 | -65.5 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 435.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 65.6 | 145.0 | 20660.1 | 50.0 | -59.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 504.4 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

ORIGINAL PAGE 19
OF POOR QUALITY

STATION NO. 10
MENARD, TEXAS
24 APRIL 1982
1747 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 10.7 | 588.3 | 949.2 | 14.0 | 10.8 | 150.0 | 2.0 | -1.0 | 1.7 | 291.5 | 314.0 | 8.6 | 81.0 | 0.0 | 0. |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 1.0 | 12.9 | 804.6 | 925.0 | 10.1 | 8.6 | 99.9 | 99.9 | 99.9 | 99.9 | 289.6 | 309.5 | 7.6 | 90.3 | 99.9 | 99.9 |
| 2.0 | 15.3 | 1032.2 | 900.0 | 8.2 | 7.3 | 99.9 | 99.9 | 99.9 | 99.9 | 290.0 | 308.8 | 7.1 | 93.6 | 99.9 | 99.9 |
| 3.0 | 17.6 | 1265.1 | 875.0 | 7.6 | 6.5 | 99.9 | 99.9 | 99.9 | 99.9 | 291.7 | 310.2 | 7.0 | 93.1 | 1.0 | 26. |
| 4.0 | 20.1 | 1504.4 | 850.0 | 8.4 | 5.7 | 241.8 | 10.7 | 9.4 | 5.1 | 295.0 | 313.2 | 6.8 | 82.8 | 1.7 | 34. |
| 4.9 | 22.5 | 1752.4 | 825.0 | 9.9 | 2.8 | 251.8 | 10.2 | 9.7 | 3.2 | 299.1 | 314.8 | 5.7 | 61.2 | 2.2 | 44. |
| 6.0 | 24.9 | 2008.6 | 800.0 | 9.9 | 2.3 | 250.1 | 9.5 | 9.0 | 3.2 | 301.7 | 317.5 | 5.7 | 59.2 | 2.7 | 50. |
| 7.0 | 27.4 | 2272.1 | 775.0 | 8.5 | -0.7 | 250.9 | 7.7 | 7.3 | 2.5 | 302.9 | 316.3 | 4.7 | 52.5 | 3.2 | 52. |
| 8.1 | 29.9 | 2542.4 | 750.0 | 6.7 | -2.6 | 254.4 | 7.7 | 7.4 | 2.1 | 303.8 | 316.0 | 4.2 | 51.6 | 3.7 | 56. |
| 9.2 | 32.4 | 2820.0 | 725.0 | 4.9 | -6.1 | 245.5 | 8.2 | 7.5 | 3.4 | 304.9 | 314.7 | 3.4 | 44.7 | 4.2 | 58. |
| 10.4 | 35.0 | 3105.3 | 700.0 | 3.7 | -9.1 | 251.9 | 11.7 | 11.2 | 3.7 | 306.5 | 314.7 | 2.7 | 38.7 | 4.8 | 59. |
| 11.6 | 37.7 | 3399.5 | 675.0 | 1.2 | -8.6 | 256.7 | 13.3 | 13.0 | 3.1 | 307.0 | 315.8 | 3.0 | 48.0 | 5.8 | 62. |
| 12.9 | 40.3 | 3701.9 | 650.0 | -1.5 | -7.7 | 256.2 | 14.5 | 14.1 | 3.5 | 307.2 | 317.0 | 3.3 | 62.7 | 6.8 | 64. |
| 14.3 | 43.0 | 4012.9 | 625.0 | -4.4 | -11.2 | 253.8 | 16.2 | 15.5 | 4.5 | 307.5 | 317.0 | 3.3 | 58.5 | 8.1 | 66. |
| 15.6 | 45.8 | 4333.4 | 600.0 | -6.7 | -17.4 | 253.3 | 18.0 | 17.3 | 5.2 | 308.3 | 313.3 | 1.6 | 42.1 | 9.4 | 67. |
| 17.0 | 48.6 | 4683.8 | 575.0 | -10.1 | -27.0 | 255.0 | 18.6 | 18.0 | 4.8 | 308.1 | 311.1 | 0.9 | 29.5 | 10.9 | 68. |
| 18.3 | 51.4 | 5094.7 | 550.0 | -12.6 | -32.1 | 260.3 | 17.6 | 17.4 | 3.0 | 309.1 | 309.4 | 0.1 | 2.1 | 12.4 | 69. |
| 19.9 | 54.3 | 5359.2 | 525.0 | -13.7 | -37.8 | 260.1 | 19.4 | 19.1 | 3.3 | 312.0 | 312.2 | 0.1 | 2.2 | 14.0 | 70. |
| 21.4 | 57.3 | 5728.3 | 500.0 | -15.8 | -42.9 | 260.5 | 21.8 | 21.5 | 3.6 | 313.8 | 314.0 | 0.1 | 2.4 | 15.9 | 71. |
| 23.0 | 60.4 | 6113.5 | 475.0 | -17.7 | -48.2 | 260.9 | 25.2 | 24.9 | 4.0 | 316.1 | 316.3 | 0.0 | 2.5 | 18.1 | 73. |
| 24.7 | 63.6 | 6515.6 | 450.0 | -20.8 | -53.5 | 258.6 | 27.1 | 26.2 | 5.1 | 317.1 | 317.3 | 0.0 | 3.1 | 20.8 | 74. |
| 26.6 | 66.8 | 6935.5 | 425.0 | -23.8 | -58.5 | 254.8 | 27.1 | 26.1 | 7.1 | 318.5 | 318.6 | 0.0 | 3.4 | 23.8 | 74. |
| 28.5 | 70.1 | 7374.9 | 400.0 | -27.7 | -63.5 | 253.8 | 27.4 | 26.3 | 7.6 | 319.0 | 319.2 | 0.0 | 3.4 | 26.7 | 74. |
| 30.4 | 73.6 | 7835.6 | 375.0 | -31.3 | -69.4 | 257.0 | 28.0 | 27.3 | 6.3 | 320.2 | 320.3 | 0.0 | 4.3 | 29.9 | 74. |
| 32.3 | 77.0 | 8320.3 | 350.0 | -35.4 | -75.1 | 262.5 | 29.1 | 28.8 | 3.8 | 321.1 | 321.2 | 0.0 | 4.5 | 33.2 | 75. |
| 34.6 | 80.8 | 8834.5 | 325.0 | -37.4 | -82.1 | 265.1 | 30.5 | 33.4 | 2.7 | 325.1 | 325.2 | 0.0 | 4.5 | 37.3 | 76. |
| 36.7 | 84.7 | 9382.9 | 300.0 | -40.8 | -89.9 | 265.1 | 40.3 | 40.1 | 3.4 | 327.9 | 327.9 | 0.0 | 4.5 | 42.0 | 77. |
| 39.0 | 88.8 | 9969.9 | 275.0 | -44.9 | -99.9 | 263.0 | 44.2 | 44.0 | 4.9 | 330.2 | 330.2 | 99.9 | 99.9 | 48.0 | 78. |
| 41.3 | 93.0 | 10602.5 | 250.0 | -48.0 | -109.9 | 263.0 | 42.3 | 42.0 | 5.2 | 334.8 | 334.8 | 99.9 | 99.9 | 53.9 | 78. |
| 43.9 | 97.6 | 11290.0 | 225.0 | -52.5 | -119.9 | 261.7 | 44.7* | 44.6 | 4.1 | 338.0 | 338.0 | 99.9 | 99.9 | 60.2 | 79. |
| 46.5 | 102.6 | 12043.0 | 200.0 | -56.6 | -129.9 | 261.7 | 39.7* | 39.3 | 5.7 | 343.2 | 343.2 | 99.9 | 99.9 | 67.3 | 79. |
| 49.4 | 107.8 | 12886.9 | 175.0 | -57.6 | -139.9 | 260.1 | 36.5* | 35.9 | 6.2 | 354.9 | 354.9 | 99.9 | 99.9 | 73.6 | 80. |
| 52.6 | 113.5 | 13861.5 | 150.0 | -57.1 | -149.9 | 248.4 | 31.5* | 29.3 | 11.6 | 371.8 | 371.8 | 99.9 | 99.9 | 80.4 | 79. |
| 56.5 | 120.0 | 15015.5 | 125.0 | -57.3 | -159.9 | 253.6 | 30.2* | 29.0 | 8.5 | 391.2 | 391.2 | 99.9 | 99.9 | 87.1 | 79. |
| 60.8 | 127.3 | 16410.5 | 100.0 | -61.4 | -169.9 | 261.5 | 30.8* | 30.5 | 4.5 | 409.1 | 409.1 | 99.9 | 99.9 | 95.2 | 79. |
| 66.4 | 136.0 | 18176.6 | 75.0 | -65.1 | -179.9 | 218.4 | 28.0* | 17.4 | 22.0 | 436.4 | 436.4 | 99.9 | 99.9 | 105.1 | 78. |
| 74.1 | 146.3 | 20676.6 | 50.0 | -59.7 | -189.9 | 109.2 | 8.0* | -7.5 | 2.6 | 503.0 | 503.0 | 99.9 | 99.9 | 106.7 | 78. |
| 86.9 | 157.7 | 25121.1 | 25.0 | -50.3 | -199.9 | 177.2 | 3.0 | -0.1 | 3.0 | 640.3 | 640.3 | 99.9 | 99.9 | 104.0 | 78. |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 10
MENARD, TEXAS

24 APRIL 1982
2027 GMT

154 18. 0

| TIME MIN | CNTCT | HEIGHT GFM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 10.7 | 588.3 | 947.5 | 14.5 | 10.5 | 150.0 | 2.0 | -1.0 | 1.7 | 292.1 | 314.4 | 8.5 | 77.0 | 0.0 | 0. |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.9 | 12.8 | 791.9 | 925.0 | 13.4 | 11.4 | 999.9 | 99.9 | 99.9 | 99.9 | 293.0 | 317.3 | 9.2 | 88.0 | 99.9 | 99.9 |
| 2.5 | 15.1 | 1022.0 | 900.0 | 11.2 | 9.8 | 999.9 | 99.9 | 99.9 | 99.9 | 293.0 | 317.3 | 8.5 | 91.1 | 99.9 | 99.9 |
| 3.2 | 17.5 | 1256.8 | 875.0 | 9.0 | 7.3 | 226.1 | 9.2 | 6.6 | 6.4 | 293.2 | 312.7 | 7.4 | 88.8 | 1.2 | 36. |
| 4.1 | 19.8 | 1497.1 | 850.0 | 8.9 | 6.4 | 241.8 | 9.5 | 8.4 | 4.5 | 295.5 | 314.6 | 7.1 | 83.9 | 1.6 | 40. |
| 5.2 | 22.6 | 1745.3 | 825.0 | 10.0 | 4.0 | 250.2 | 9.6 | 9.1 | 3.2 | 299.1 | 316.2 | 6.2 | 66.3 | 2.1 | 52. |
| 6.2 | 24.6 | 2002.7 | 800.0 | 11.1 | 3.9 | 252.2 | 8.8 | 8.4 | 2.7 | 303.0 | 320.8 | 6.4 | 61.1 | 2.6 | 52. |
| 7.1 | 27.1 | 2267.1 | 775.0 | 9.7 | -1.2 | 260.5 | 7.6 | 7.5 | 1.3 | 304.3 | 317.3 | 4.5 | 46.4 | 3.1 | 56. |
| 8.2 | 29.6 | 2538.5 | 750.0 | 7.4 | -2.7 | 270.0 | 8.7 | 8.7 | 0.0 | 304.6 | 316.7 | 4.2 | 48.4 | 3.5 | 59. |
| 9.4 | 32.1 | 2816.2 | 725.0 | 4.8 | -17.0 | 272.0 | 11.8 | 11.8 | -0.4 | 304.7 | 309.0 | 1.4 | 18.8 | 4.0 | 65. |
| 10.5 | 34.8 | 3101.8 | 700.0 | 3.8 | -14.6 | 261.1 | 15.0 | 14.8 | 2.3 | 306.7 | 312.1 | 1.8 | 24.5 | 4.9 | 68. |
| 11.6 | 37.6 | 3396.3 | 675.0 | 1.8 | -11.3 | 250.1 | 16.3 | 15.3 | 5.5 | 307.6 | 314.9 | 2.4 | 37.3 | 6.0 | 70. |
| 12.7 | 40.2 | 3699.1 | 650.0 | -1.0 | -14.6 | 243.9 | 17.3 | 15.6 | 7.6 | 307.8 | 313.6 | 1.9 | 34.8 | 7.0 | 68. |
| 13.8 | 43.0 | 4010.6 | 625.0 | -3.9 | -14.4 | 244.0 | 17.3 | 15.5 | 7.6 | 308.0 | 314.1 | 2.0 | 43.7 | 8.2 | 68. |
| 14.9 | 45.8 | 4331.3 | 600.0 | -6.4 | -28.7 | 251.5 | 17.6 | 16.7 | 5.6 | 308.7 | 310.7 | 0.6 | 15.0 | 9.4 | 68. |
| 16.3 | 48.6 | 4662.6 | 575.0 | -8.5 | -31.0 | 260.1 | 18.2 | 17.9 | 3.1 | 310.0 | 311.7 | 0.5 | 14.2 | 10.8 | 69. |
| 17.6 | 51.6 | 5005.7 | 550.0 | -11.0 | -33.2 | 264.7 | 19.1 | 18.2 | 1.7 | 311.0 | 312.5 | 0.4 | 13.9 | 12.1 | 71. |
| 18.9 | 54.8 | 5361.0 | 525.0 | -13.8 | -35.4 | 265.8 | 19.1 | 19.1 | 1.4 | 311.8 | 313.0 | 0.4 | 14.1 | 13.4 | 72. |
| 20.3 | 58.0 | 5728.9 | 500.0 | -17.3 | -39.1 | 263.2 | 20.2 | 20.0 | 2.4 | 312.0 | 313.0 | 0.3 | 14.3 | 14.9 | 74. |
| 21.7 | 61.3 | 6111.9 | 475.0 | -19.4 | -39.7 | 261.4 | 24.0 | 23.7 | 3.6 | 314.0 | 314.9 | 0.2 | 14.5 | 16.7 | 74. |
| 23.3 | 64.7 | 6512.8 | 450.0 | -20.8 | -41.0 | 262.9 | 29.0 | 28.8 | 3.6 | 317.1 | 318.0 | 0.2 | 14.2 | 18.9 | 75. |
| 24.9 | 68.1 | 6932.9 | 425.0 | -23.9 | -43.5 | 263.1 | 29.7 | 29.5 | 3.6 | 318.4 | 319.1 | 0.2 | 14.3 | 21.7 | 76. |
| 26.3 | 71.7 | 7372.0 | 400.0 | -27.7 | -46.3 | 261.1 | 30.6 | 30.2 | 4.7 | 319.0 | 319.6 | 0.1 | 14.8 | 24.5 | 77. |
| 28.0 | 75.0 | 7833.3 | 375.0 | -30.7 | -48.6 | 259.6 | 31.9 | 31.4 | 5.8 | 321.0 | 321.5 | 0.1 | 15.2 | 27.4 | 78. |
| 29.7 | 83.0 | 8319.9 | 350.0 | -33.6 | -51.2 | 261.0 | 36.1 | 35.7 | 5.7 | 323.4 | 323.8 | 0.1 | 15.0 | 30.7 | 78. |
| 31.5 | 87.2 | 8835.5 | 325.0 | -37.5 | -54.1 | 263.6 | 40.6 | 40.4 | 4.5 | 325.0 | 325.3 | 0.1 | 15.6 | 34.6 | 78. |
| 33.3 | 91.5 | 9384.4 | 300.0 | -41.0 | -59.9 | 262.4 | 44.3 | 43.9 | 5.8 | 327.6 | 327.6 | 99.9 | 99.9 | 39.0 | 78. |
| 35.1 | 96.0 | 9971.7 | 275.0 | -44.5 | -66.6 | 258.3 | 46.3 | 45.3 | 8.4 | 330.7 | 330.7 | 99.9 | 99.9 | 43.9 | 78. |
| 37.1 | 100.8 | 10608.1 | 250.0 | -48.5 | -69.9 | 259.5 | 47.0 | 46.3 | 8.6 | 333.5 | 333.5 | 99.9 | 99.9 | 49.1 | 79. |
| 39.2 | 106.0 | 11290.2 | 225.0 | -53.2 | -74.0 | 260.3 | 49.3 | 48.6 | 8.3 | 336.9 | 336.9 | 99.9 | 99.9 | 54.9 | 79. |
| 41.6 | 111.8 | 12044.2 | 200.0 | -56.0 | -77.8 | 257.8 | 43.0 | 42.0 | 9.1 | 344.1 | 344.1 | 99.9 | 99.9 | 60.8 | 79. |
| 44.5 | 118.0 | 12892.7 | 175.0 | -57.2 | -79.9 | 260.6 | 37.1 | 36.6 | 6.0 | 355.6 | 355.6 | 99.9 | 99.9 | 66.6 | 79. |
| 47.8 | 125.0 | 13869.1 | 150.0 | -57.0 | -79.9 | 246.9 | 34.1 | 31.3 | 13.4 | 371.9 | 371.9 | 99.9 | 99.9 | 72.1 | 79. |
| 50.0 | 132.7 | 15031.2 | 125.0 | -56.2 | -79.9 | 252.1 | 31.4* | 29.9 | 9.7 | 393.3 | 393.3 | 99.9 | 99.9 | 79.0 | 78. |
| 52.8 | 141.0 | 16427.7 | 100.0 | -62.6 | -79.9 | 258.5 | 29.8* | 29.2 | 6.0 | 406.8 | 406.8 | 99.9 | 99.9 | 86.3 | 78. |
| 56.8 | 150.3 | 18192.8 | 75.0 | -64.5 | -79.9 | 252.7 | 15.4 | 14.7 | 4.6 | 437.7 | 437.7 | 99.9 | 99.9 | 93.6 | 77. |
| 63.8 | 160.3 | 20691.7 | 50.0 | -60.6 | -79.9 | 124.5 | 5.1 | -4.2 | 2.9 | 500.8 | 500.8 | 99.9 | 99.9 | 95.6 | 77. |
| 75.4 | 169.3 | 25125.7 | 25.0 | -50.4 | -79.9 | 272.3 | 2.6 | 2.6 | -0.1 | 640.1 | 640.1 | 99.9 | 99.9 | 93.4 | 77. |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PART IN OF POOR QUALITY

| STATION NO. 10 MENARD, TEXAS | | | | | | | | | | | | | | | 153 16. 0 | | |
|---------------------------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|-----------|--|--|
| 24 APRIL 1982 2307 GMT | | | | | | | | | | | | | | | | | |
| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG | | |
| 0 0 | 11.8 | 588.3 | 945.5 | 17.8 | 12.3 | 180.0 | 2.0 | 0.0 | 2.0 | 295.7 | 321.0 | 9.5 | 70.0 | 0.0 | 0.0 | | |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | | |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | | |
| 99.9 | 99.9 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | | |
| 0.8 | 13.7 | 773.9 | 925.0 | 14.5* | 10.1 | 99.9 | 99.9 | 99.9 | 99.9 | 294.2 | 318.2 | 8.7 | 82.1 | 0.8 | 24.0 | | |
| 1.5 | 16.2 | 1004.3 | 900.0 | 13.1 | 9.4 | 99.9 | 99.9 | 99.9 | 99.9 | 295.0 | 317.8 | 8.5 | 89.7 | 0.8 | 24.0 | | |
| 2.4 | 18.5 | 1241.1 | 875.0 | 11.0 | 8.4 | 99.9 | 99.9 | 99.9 | 99.9 | 295.2 | 317.5 | 8.2 | 89.8 | 1.1 | 30.0 | | |
| 3.2 | 20.9 | 1483.0 | 850.0 | 10.0 | 7.2 | 242.6 | 8.2 | 7.3 | 3.8 | 298.6 | 317.9 | 6.1 | 57.7 | 1.3 | 44.0 | | |
| 4.0 | 23.4 | 1732.6 | 825.0 | 11.8 | 3.6 | 263.4 | 9.4 | 7.3 | 1.1 | 301.1 | 317.6 | 2.8 | 28.4 | 2.0 | 55.0 | | |
| 5.0 | 25.8 | 1989.8 | 800.0 | 10.5 | -7.2 | 272.4 | 11.2 | 11.2 | -0.5 | 302.4 | 310.6 | 1.4 | 15.8 | 2.5 | 66.0 | | |
| 6.9 | 30.8 | 2253.1 | 775.0 | 8.7 | -16.0 | 274.7 | 11.6 | 11.5 | -1.0 | 303.1 | 307.5 | 1.3 | 15.5 | 3.1 | 71.0 | | |
| 7.9 | 33.4 | 2523.0 | 750.0 | 6.6 | -17.8 | 265.0 | 12.2 | 12.2 | 4.1 | 303.7 | 307.6 | 1.0 | 12.9 | 3.8 | 72.0 | | |
| 8.8 | 36.0 | 2800.3 | 725.0 | 5.6 | -20.7 | 254.6 | 15.5 | 15.0 | 4.9 | 305.6 | 308.4 | 0.9 | 14.1 | 4.8 | 73.0 | | |
| 9.8 | 38.7 | 3085.6 | 700.0 | 2.7 | -22.0 | 254.8 | 18.6 | 17.9 | 4.9 | 305.5 | 308.3 | 0.8 | 12.9 | 5.9 | 73.0 | | |
| 10.8 | 41.3 | 3378.7 | 675.0 | 1.0 | -24.4 | 255.2 | 18.0 | 17.4 | 4.6 | 305.7 | 308.3 | 0.7 | 13.5 | 7.0 | 73.0 | | |
| 12.0 | 44.0 | 3680.9 | 650.0 | -0.9 | -25.4 | 255.6 | 16.6 | 16.1 | 4.1 | 307.9 | 310.3 | 0.7 | 13.1 | 8.2 | 74.0 | | |
| 13.2 | 46.8 | 3992.6 | 625.0 | -2.4 | -26.9 | 260.8 | 15.3 | 15.1 | 2.6 | 309.8 | 312.0 | 0.6 | 13.0 | 9.3 | 75.0 | | |
| 14.4 | 49.7 | 4315.0 | 600.0 | -5.0 | -28.9 | 270.1 | 17.0 | 17.0 | -0.0 | 310.3 | 312.2 | 0.5 | 13.3 | 10.6 | 78.0 | | |
| 15.6 | 52.5 | 4647.8 | 575.0 | -7.7 | -31.2 | 275.5 | 19.3 | 19.2 | -1.9 | 311.0 | 312.6 | 0.4 | 13.8 | 12.0 | 80.0 | | |
| 16.9 | 55.4 | 4991.0 | 550.0 | -11.2 | -33.4 | 272.4 | 20.2 | 20.1 | -0.9 | 310.8 | 312.2 | 0.3 | 14.3 | 13.5 | 81.0 | | |
| 18.3 | 58.6 | 5345.8 | 525.0 | -14.5 | -35.8 | 266.6 | 19.2 | 19.1 | 1.2 | 311.9 | 312.8 | 0.3 | 14.4 | 15.0 | 81.0 | | |
| 19.8 | 61.5 | 5713.0 | 500.0 | -17.4 | -38.1 | 266.6 | 21.0 | 21.0 | -0.0 | 314.2 | 315.1 | 0.2 | 14.1 | 17.1 | 82.0 | | |
| 21.2 | 64.8 | 6098.1 | 475.0 | -19.2 | -39.8 | 270.1 | 25.2 | 25.2 | 0.8 | 315.6 | 316.5 | 0.2 | 14.1 | 19.4 | 83.0 | | |
| 22.6 | 67.9 | 6498.2 | 450.0 | -21.9 | -42.0 | 268.5 | 27.8 | 27.8 | 1.0 | 317.9 | 318.5 | 0.2 | 14.5 | 21.6 | 84.0 | | |
| 24.1 | 71.3 | 7353.5 | 425.0 | -24.3 | -43.8 | 268.0 | 29.1 | 29.1 | 3.5 | 318.9 | 319.4 | 0.1 | 15.0 | 24.4 | 84.0 | | |
| 25.7 | 74.6 | 7814.6 | 400.0 | -27.8 | -46.3 | 263.4 | 30.0 | 29.8 | 4.7 | 320.3 | 320.8 | 0.1 | 15.5 | 27.4 | 84.0 | | |
| 27.4 | 78.3 | 8299.7 | 375.0 | -31.2 | -48.9 | 261.8 | 32.3 | 32.3 | 3.5 | 320.3 | 320.8 | 0.1 | 15.5 | 30.9 | 84.0 | | |
| 29.1 | 82.0 | 8813.0 | 350.0 | -34.4 | -51.3 | 264.2 | 34.6 | 34.4 | 3.5 | 322.4 | 322.8 | 0.1 | 16.4 | 34.4 | 84.0 | | |
| 30.9 | 85.8 | 9380.2 | 325.0 | -38.5 | -54.5 | 264.5 | 34.4 | 35.4 | 3.9 | 323.6 | 323.9 | 99.9 | 99.9 | 38.1 | 84.0 | | |
| 32.8 | 89.8 | 9945.9 | 300.0 | -41.4 | 99.9 | 263.7 | 35.6 | 35.4 | 8.7 | 329.6 | 329.6 | 99.9 | 99.9 | 42.3 | 84.0 | | |
| 34.8 | 94.2 | 10578.5 | 275.0 | -45.3 | 99.9 | 259.8 | 41.5 | 40.8 | 6.7 | 332.4 | 332.4 | 99.9 | 99.9 | 47.7 | 83.0 | | |
| 36.9 | 98.7 | 11260.7 | 250.0 | -49.6 | 99.9 | 259.3 | 46.7 | 45.6 | 9.0 | 336.4 | 336.4 | 99.9 | 99.9 | 53.6 | 83.0 | | |
| 39.4 | 103.6 | 12010.6 | 225.0 | -53.6 | 99.9 | 262.1 | 46.9 | 46.5 | 10.2 | 342.2 | 342.2 | 99.9 | 99.9 | 60.7 | 83.0 | | |
| 41.9 | 108.8 | 12861.4 | 200.0 | -57.2 | 99.9 | 258.8 | 46.5 | 45.6 | 12.6 | 345.0 | 345.0 | 99.9 | 99.9 | 66.8 | 82.0 | | |
| 45.0 | 114.6 | 13842.9 | 175.0 | -55.7 | 99.9 | 252.5 | 34.0 | 32.4 | 4.9 | 348.8 | 348.8 | 99.9 | 99.9 | 78.7 | 81.0 | | |
| 47.9 | 121.0 | 14997.7 | 150.0 | -55.0 | 99.9 | 250.0 | 36.9* | 34.6 | 1.7 | 350.9 | 350.9 | 99.9 | 99.9 | 86.1 | 81.0 | | |
| 52.2 | 128.3 | 16386.0 | 125.0 | -58.6 | 99.9 | 262.3 | 29.6* | 29.0 | 4.9 | 350.9 | 350.9 | 99.9 | 99.9 | 94.1 | 81.0 | | |
| 57.4 | 137.0 | 18149.2 | 100.0 | -63.6 | 99.9 | 260.6 | 30.4* | 30.0 | 1.7 | 350.9 | 350.9 | 99.9 | 99.9 | 94.1 | 81.0 | | |
| 64.4 | 147.5 | 20640.0 | 75.0 | -63.9 | 99.9 | 263.9 | 16.2* | 15.1 | 4.9 | 350.9 | 350.9 | 99.9 | 99.9 | 94.1 | 81.0 | | |
| 75.6 | 159.0 | 25055.9 | 25.0 | -51.4 | 99.9 | 322.1 | 3.3 | 2.2 | -2.8 | 637.0 | 637.0 | 99.9 | 99.9 | 92.8 | 80.0 | | |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

** BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

| STATION NO. 10 MENARD, TEXAS | | | | | | | | | | 153 13. 0 | | | | | |
|---------------------------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 25 APRIL 1982 538 GMT | | | | | | | | | | | | | | | |
| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RIO GM/KG | RH PCT | RANGE KM | AZ DG |
| 0.0 | 12.2 | 588.3 | 944.5 | 13.1 | 11.2 | 150.0 | 5.0 | -2.5 | 4.3 | 291.0 | 314.1 | 8.9 | 88.0 | 0.0 | 0.0 |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 950.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 290.9 | 313.2 | 8.5 | 93.0 | 999.9 | 999.9 |
| 0.7 | 14.0 | 53.6 | 925.0 | 11.4 | 10.3 | 999.9 | 99.9 | 99.9 | 99.9 | 290.9 | 311.7 | 7.8 | 93.9 | 999.9 | 999.9 |
| 1.5 | 16.4 | 992.2 | 900.0 | 9.4 | 8.5 | 999.9 | 99.9 | 99.9 | 99.9 | 296.6 | 302.4 | 2.0 | 19.8 | 1.2 | 28.0 |
| 2.5 | 18.9 | 1226.5 | 875.0 | 12.4 | -10.8 | 999.9 | 99.9 | 99.9 | 99.9 | 302.6 | 308.1 | 1.8 | 14.0 | 1.8 | 41.0 |
| 3.4 | 21.3 | 1471.7 | 850.0 | 15.6 | -11.7 | 249.2 | 10.8 | 10.1 | 3.8 | 303.4 | 308.0 | 1.5 | 12.7 | 2.3 | 49.0 |
| 4.4 | 23.9 | 1723.9 | 825.0 | 14.0 | -14.3 | 256.8 | 9.9 | 9.6 | 2.3 | 303.8 | 308.0 | 1.3 | 12.3 | 2.8 | 56.0 |
| 5.4 | 26.4 | 1982.0 | 800.0 | 11.9 | -16.2 | 268.4 | 10.6 | 10.6 | 0.3 | 303.8 | 308.0 | 1.4 | 17.0 | 3.3 | 63.0 |
| 6.4 | 28.9 | 2245.9 | 775.0 | 9.4 | -16.5 | 278.2 | 11.4 | 11.3 | -1.6 | 303.8 | 308.0 | 1.4 | 17.0 | 4.0 | 70.0 |
| 7.5 | 31.4 | 2516.2 | 750.0 | 6.6 | -16.7 | 278.4 | 13.2 | 13.1 | -1.9 | 304.3 | 309.8 | 1.8 | 25.2 | 4.8 | 74.0 |
| 8.5 | 34.0 | 2793.1 | 725.0 | 4.4 | -13.8 | 276.1 | 14.6 | 14.5 | -1.5 | 304.3 | 311.1 | 2.3 | 37.0 | 5.7 | 78.0 |
| 9.6 | 36.7 | 3077.4 | 700.0 | 1.7 | -11.5 | 275.8 | 15.8 | 15.8 | -1.6 | 304.3 | 311.4 | 2.3 | 43.4 | 6.7 | 81.0 |
| 10.6 | 39.3 | 3369.2 | 675.0 | -1.0 | -11.9 | 273.6 | 18.0 | 18.0 | -2.1 | 304.5 | 310.2 | 1.9 | 21.8 | 7.9 | 83.0 |
| 11.7 | 42.1 | 3668.9 | 650.0 | -3.9 | -14.6 | 276.1 | 19.8 | 19.7 | -3.1 | 305.1 | 307.8 | 0.8 | 21.8 | 9.1 | 85.0 |
| 12.7 | 44.9 | 3977.2 | 625.0 | -6.4 | -25.1 | 281.3 | 19.3 | 19.0 | -3.8 | 305.1 | 307.7 | 0.1 | 3.8 | 10.4 | 87.0 |
| 14.0 | 47.7 | 4295.5 | 600.0 | -7.7 | -43.4 | 285.1 | 16.2 | 15.7 | -4.2 | 307.2 | 307.7 | 0.1 | 3.0 | 11.7 | 89.0 |
| 15.4 | 50.5 | 4624.8 | 575.0 | -10.1 | -47.0 | 281.9 | 16.8 | 16.4 | -3.5 | 308.2 | 308.5 | 0.1 | 3.0 | 13.1 | 90.0 |
| 16.8 | 53.4 | 4965.7 | 550.0 | -12.7 | -48.8 | 275.2 | 17.8 | 17.7 | -1.6 | 309.0 | 309.3 | 0.1 | 3.2 | 14.9 | 91.0 |
| 18.4 | 56.4 | 5319.2 | 525.0 | -14.6 | -49.8 | 272.7 | 21.1 | 21.1 | -1.0 | 310.9 | 311.1 | 0.1 | 3.2 | 17.2 | 91.0 |
| 19.9 | 59.5 | 5686.7 | 500.0 | -17.5 | -51.5 | 273.5 | 24.7 | 24.6 | -1.5 | 311.7 | 311.9 | 0.1 | 3.5 | 19.5 | 91.0 |
| 21.5 | 62.6 | 6068.9 | 475.0 | -20.2 | -53.0 | 274.0 | 24.2 | 24.1 | -1.7 | 313.0 | 313.2 | 0.0 | 3.6 | 22.0 | 91.0 |
| 23.3 | 65.9 | 6467.4 | 450.0 | -22.8 | -54.5 | 270.5 | 24.7 | 24.7 | -0.2 | 314.6 | 314.8 | 0.0 | 4.0 | 24.9 | 91.0 |
| 25.3 | 69.1 | 6883.9 | 425.0 | -25.6 | -55.8 | 265.8 | 24.8 | 24.8 | 1.8 | 316.2 | 316.4 | 0.0 | 4.1 | 27.6 | 90.0 |
| 27.0 | 72.6 | 7320.1 | 400.0 | -29.7 | -58.7 | 264.6 | 26.0 | 25.9 | 2.4 | 316.4 | 316.5 | 0.0 | 4.6 | 30.5 | 90.0 |
| 29.0 | 76.0 | 7776.7 | 375.0 | -33.2 | -60.4 | 266.9 | 23.4 | 23.4 | 1.3 | 317.7 | 317.8 | 0.0 | 5.6 | 33.4 | 90.0 |
| 31.1 | 79.7 | 8257.3 | 350.0 | -37.6 | -62.2 | 270.4 | 25.4 | 25.4 | -0.2 | 318.1 | 318.2 | 0.0 | 999.9 | 37.3 | 90.0 |
| 33.4 | 83.5 | 8765.6 | 325.0 | -40.7 | 99.9 | 268.3 | 25.2 | 25.2 | 0.7 | 320.6 | 999.9 | 99.9 | 999.9 | 40.7 | 90.0 |
| 36.2 | 87.5 | 9307.0 | 300.0 | -43.8 | 99.9 | 267.9 | 35.1 | 35.1 | 1.3 | 323.7 | 999.9 | 99.9 | 999.9 | 49.8 | 89.0 |
| 39.3 | 91.7 | 9885.6 | 275.0 | -48.1 | 99.9 | 266.0 | 46.8 | 46.7 | 3.3 | 325.6 | 999.9 | 99.9 | 999.9 | 55.0 | 89.0 |
| 41.7 | 96.0 | 10509.2 | 250.0 | -51.5 | 99.9 | 259.2 | 33.1* | 32.6 | 6.2 | 329.5 | 999.9 | 99.9 | 999.9 | 60.8 | 88.0 |
| 44.9 | 100.6 | 11187.8 | 225.0 | -55.5 | 99.9 | 257.0 | 32.8* | 32.0 | 7.4 | 333.5 | 999.9 | 99.9 | 999.9 | 68.1 | 87.0 |
| 48.5 | 105.6 | 11934.2 | 200.0 | -57.2 | 99.9 | 259.7 | 33.7* | 33.1 | 6.0 | 342.2 | 999.9 | 99.9 | 999.9 | 75.4 | 86.0 |
| 52.5 | 110.8 | 12779.7 | 175.0 | -59.7 | 99.9 | 261.4 | 31.4* | 31.1 | 4.7 | 358.0 | 999.9 | 99.9 | 999.9 | 85.0 | 85.0 |
| 57.2 | 116.7 | 13757.9 | 150.0 | -55.8 | 99.9 | 258.1 | 31.8* | 31.1 | 6.6 | 373.9 | 999.9 | 99.9 | 999.9 | 93.3 | 85.0 |
| 62.7 | 123.2 | 14906.5 | 125.0 | -57.0 | 99.9 | 263.2 | 25.1* | 24.9 | 3.0 | 391.8 | 999.9 | 99.9 | 999.9 | 101.9 | 85.0 |
| 68.0 | 130.7 | 18309.9 | 100.0 | -62.4 | 99.9 | 266.0 | 28.0* | 27.9 | 2.0 | 407.2 | 999.9 | 99.9 | 999.9 | 112.4 | 85.0 |
| 74.7 | 139.0 | 18071.1 | 75.0 | -60.2 | 99.9 | 244.1 | 18.3* | 16.4 | 5.0 | 434.2 | 999.9 | 99.9 | 999.9 | 114.4 | 84.0 |
| 85.0 | 149.0 | 20547.7 | 50.0 | -60.9 | 99.9 | 102.3 | 8.8* | -8.6 | 1.9 | 500.1 | 999.9 | 99.9 | 999.9 | 112.9 | 84.0 |
| 101.5 | 159.0 | 24934.5 | 25.0 | -53.8 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 630.0 | 999.9 | 99.9 | 999.9 | 112.9 | 84.0 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
 ** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 11
BURNET, TEXAS
24 APRIL 1982
1120 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 9.2 | 386.5 | 973.6 | 9.6 | 9.3 | 99.9 | 99.9 | 99.9 | 99.9 | 284.9 | 304.3 | 7.6 | 98.0 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 1.0 | 11.4 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 1.9 | 13.8 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 2.9 | 16.2 | 99.9 | 900.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 3.9 | 18.7 | 99.9 | 875.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 4.9 | 21.1 | 99.9 | 850.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 5.9 | 23.6 | 99.9 | 825.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 6.9 | 26.1 | 99.9 | 800.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 8.0 | 28.7 | 99.9 | 775.0 | 5.9 | 5.0 | 99.9 | 99.9 | 99.9 | 99.9 | 300.2 | 319.7 | 7.1 | 93.7 | 99.9 | 99.9 |
| 9.0 | 31.2 | 99.9 | 750.0 | 5.5 | 4.5 | 99.9 | 99.9 | 99.9 | 99.9 | 302.6 | 322.3 | 7.1 | 93.2 | 99.9 | 99.9 |
| 10.1 | 33.8 | 99.9 | 725.0 | 4.0 | 2.9 | 99.9 | 99.9 | 99.9 | 99.9 | 303.9 | 322.2 | 6.5 | 92.4 | 99.9 | 99.9 |
| 11.1 | 36.5 | 99.9 | 700.0 | 2.2 | 0.6 | 99.9 | 99.9 | 99.9 | 99.9 | 304.9 | 321.1 | 5.7 | 89.3 | 99.9 | 99.9 |
| 11.9 | 39.2 | 99.9 | 675.0 | 1.0 | -2.9 | 99.9 | 99.9 | 99.9 | 99.9 | 308.5 | 320.2 | 4.6 | 83.7 | 99.9 | 99.9 |
| 13.0 | 41.9 | 99.9 | 650.0 | -0.4 | -3.9 | 99.9 | 99.9 | 99.9 | 99.9 | 308.5 | 321.4 | 4.4 | 77.2 | 99.9 | 99.9 |
| 14.6 | 44.7 | 99.9 | 625.0 | -2.7 | -5.3 | 99.9 | 99.9 | 99.9 | 99.9 | 309.4 | 321.6 | 4.1 | 82.4 | 99.9 | 99.9 |
| 16.3 | 47.5 | 99.9 | 600.0 | -4.4 | -6.7 | 99.9 | 99.9 | 99.9 | 99.9 | 311.0 | 322.5 | 3.9 | 84.2 | 99.9 | 99.9 |
| 17.7 | 50.4 | 99.9 | 575.0 | -6.4 | -8.7 | 99.9 | 99.9 | 99.9 | 99.9 | 312.5 | 323.0 | 3.5 | 83.6 | 99.9 | 99.9 |
| 19.4 | 53.3 | 99.9 | 550.0 | -8.3 | -9.9 | 99.9 | 99.9 | 99.9 | 99.9 | 314.3 | 323.0 | 3.5 | 99.9 | 99.9 | 99.9 |
| 21.0 | 56.4 | 99.9 | 525.0 | -10.4 | -15.5 | 99.9 | 99.9 | 99.9 | 99.9 | 315.9 | 324.9 | 2.3 | 99.9 | 99.9 | 99.9 |
| 22.5 | 59.4 | 99.9 | 500.0 | -12.6 | -19.1 | 99.9 | 99.9 | 99.9 | 99.9 | 317.7 | 324.9 | 2.3 | 99.9 | 99.9 | 99.9 |
| 24.3 | 62.5 | 99.9 | 475.0 | -15.8 | -22.6 | 99.9 | 99.9 | 99.9 | 99.9 | 318.4 | 324.1 | 1.8 | 99.9 | 99.9 | 99.9 |
| 26.1 | 65.7 | 99.9 | 450.0 | -19.0 | -27.3 | 99.9 | 99.9 | 99.9 | 99.9 | 319.3 | 323.8 | 1.4 | 99.9 | 99.9 | 99.9 |
| 28.2 | 69.0 | 99.9 | 425.0 | -23.2 | -31.7 | 99.9 | 99.9 | 99.9 | 99.9 | 320.2 | 322.5 | 1.0 | 99.9 | 99.9 | 99.9 |
| 30.5 | 72.4 | 99.9 | 400.0 | -26.7 | -35.8 | 99.9 | 99.9 | 99.9 | 99.9 | 321.2 | 322.5 | 0.7 | 99.9 | 99.9 | 99.9 |
| 32.9 | 75.9 | 99.9 | 375.0 | -30.6 | -41.2 | 99.9 | 99.9 | 99.9 | 99.9 | 321.6 | 322.7 | 0.5 | 99.9 | 99.9 | 99.9 |
| 34.9 | 79.6 | 99.9 | 350.0 | -35.0 | -45.6 | 99.9 | 99.9 | 99.9 | 99.9 | 323.8 | 324.5 | 0.2 | 99.9 | 99.9 | 99.9 |
| 36.9 | 83.3 | 99.9 | 325.0 | -38.4 | -49.9 | 99.9 | 99.9 | 99.9 | 99.9 | 326.6 | 324.5 | 0.2 | 99.9 | 99.9 | 99.9 |
| 39.4 | 87.3 | 99.9 | 300.0 | -41.7 | -54.0 | 99.9 | 99.9 | 99.9 | 99.9 | 328.6 | 324.5 | 0.2 | 99.9 | 99.9 | 99.9 |
| 41.9 | 91.5 | 99.9 | 275.0 | -46.0 | -58.3 | 99.9 | 99.9 | 99.9 | 99.9 | 332.4 | 324.5 | 0.2 | 99.9 | 99.9 | 99.9 |
| 44.6 | 96.0 | 99.9 | 250.0 | -49.6 | -62.3 | 99.9 | 99.9 | 99.9 | 99.9 | 337.0 | 324.5 | 0.2 | 99.9 | 99.9 | 99.9 |
| 47.4 | 100.5 | 99.9 | 225.0 | -53.2 | -66.3 | 99.9 | 99.9 | 99.9 | 99.9 | 342.3 | 324.5 | 0.2 | 99.9 | 99.9 | 99.9 |
| 50.8 | 105.5 | 99.9 | 200.0 | -57.2 | -70.3 | 99.9 | 99.9 | 99.9 | 99.9 | 347.7 | 324.5 | 0.2 | 99.9 | 99.9 | 99.9 |
| 54.3 | 111.0 | 99.9 | 175.0 | -58.3 | -74.7 | 99.9 | 99.9 | 99.9 | 99.9 | 351.7 | 324.5 | 0.2 | 99.9 | 99.9 | 99.9 |
| 58.0 | 116.7 | 99.9 | 150.0 | -58.3 | -79.9 | 99.9 | 99.9 | 99.9 | 99.9 | 359.7 | 324.5 | 0.2 | 99.9 | 99.9 | 99.9 |
| 62.5 | 123.3 | 99.9 | 125.0 | -58.1 | -84.7 | 99.9 | 99.9 | 99.9 | 99.9 | 402.7 | 324.5 | 0.2 | 99.9 | 99.9 | 99.9 |
| 67.4 | 130.7 | 99.9 | 100.0 | -64.7 | -89.9 | 99.9 | 99.9 | 99.9 | 99.9 | 433.9 | 324.5 | 0.2 | 99.9 | 99.9 | 99.9 |
| 73.9 | 139.0 | 99.9 | 75.0 | -66.3 | -94.9 | 99.9 | 99.9 | 99.9 | 99.9 | 499.0 | 324.5 | 0.2 | 99.9 | 99.9 | 99.9 |
| 83.3 | 149.0 | 99.9 | 50.0 | -61.3 | -99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 629.3 | 324.5 | 0.2 | 99.9 | 99.9 | 99.9 |
| 97.3 | 159.0 | 99.9 | 25.0 | -54.1 | -99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 629.3 | 324.5 | 0.2 | 99.9 | 99.9 | 99.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 ** BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 *** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
 **** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 11
BURNET, TEXAS
24 APRIL 1982
1405 GMT

| TIME MIN | UNTC | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 9.3 | 386.5 | 973.2 | 10.3 | 9.4 | 130.0 | 0.9 | -0.7 | 0.6 | 285.7 | 305.2 | 7.5 | 94.0 | 0.0 | 0.0 |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 0.8 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 1.5 | 13.8 | 588.4 | 950.0 | 8.2 | 7.9 | 999.9 | 99.9 | 99.9 | 99.9 | 285.5 | 303.9 | 6.9 | 95.6 | 999.9 | 999.9 |
| 2.5 | 16.3 | 807.2 | 925.0 | 8.5 | 7.5 | 999.9 | 99.9 | 99.9 | 99.9 | 285.5 | 306.9 | 7.3 | 95.7 | 999.9 | 999.9 |
| 3.4 | 18.7 | 1035.0 | 900.0 | 10.1 | 9.4 | 207.3 | 4.6 | 2.1 | 4.1 | 291.9 | 313.7 | 8.2 | 95.3 | 1.1 | 255.0 |
| 4.3 | 21.2 | 1289.7 | 875.0 | 9.6 | 8.9 | 198.7 | 3.9 | 1.3 | 3.7 | 293.7 | 315.5 | 8.2 | 95.5 | 1.2 | 0.0 |
| 5.1 | 23.6 | 1510.4 | 850.0 | 8.2 | 7.5 | 205.9 | 6.0 | 2.6 | 5.4 | 294.8 | 315.3 | 7.7 | 95.0 | 1.5 | 2.0 |
| 6.0 | 26.2 | 1757.2 | 825.0 | 7.5 | 6.7 | 216.9 | 10.1 | 6.0 | 8.0 | 296.6 | 316.8 | 7.5 | 94.6 | 1.8 | 9.0 |
| 6.9 | 28.7 | 2011.1 | 800.0 | 7.0 | 6.1 | 222.2 | 11.9 | 8.0 | 8.8 | 298.6 | 318.9 | 7.4 | 94.2 | 2.4 | 17.0 |
| 7.8 | 31.2 | 2272.3 | 775.0 | 6.2 | 5.2 | 230.3 | 12.8 | 9.8 | 8.2 | 300.4 | 320.2 | 7.2 | 93.7 | 3.0 | 23.0 |
| 8.8 | 33.9 | 2541.3 | 750.0 | 5.2 | 4.3 | 238.9 | 11.1 | 9.5 | 5.7 | 302.2 | 321.5 | 7.0 | 93.9 | 3.6 | 29.0 |
| 9.8 | 36.5 | 2817.6 | 725.0 | 3.2 | 2.3 | 245.7 | 9.6 | 8.8 | 4.0 | 303.0 | 320.5 | 6.3 | 93.7 | 4.1 | 33.0 |
| 10.8 | 39.2 | 3093.8 | 700.0 | 1.2 | 0.4 | 251.0 | 9.4 | 8.9 | 3.1 | 304.6 | 319.7 | 5.6 | 94.5 | 4.5 | 37.0 |
| 11.6 | 41.9 | 3393.7 | 675.0 | -0.9 | -1.7 | 253.0 | 10.4 | 10.0 | 3.1 | 304.6 | 319.0 | 5.2 | 94.6 | 5.0 | 41.0 |
| 12.5 | 44.7 | 3695.7 | 650.0 | -0.9 | -1.7 | 252.5 | 10.5 | 10.4 | 1.4 | 307.9 | 323.0 | 5.0 | 94.7 | 5.5 | 44.0 |
| 13.6 | 47.5 | 4007.7 | 625.0 | -4.3 | -5.1 | 267.0 | 12.3 | 12.2 | 0.5 | 307.5 | 319.8 | 4.2 | 93.8 | 5.9 | 48.0 |
| 14.8 | 50.4 | 4328.5 | 600.0 | -6.6 | -7.2 | 282.7 | 15.5 | 14.8 | 4.6 | 308.5 | 318.0 | 3.2 | 90.6 | 6.7 | 53.0 |
| 15.9 | 53.3 | 4650.9 | 575.0 | -7.6 | -8.8 | 292.9 | 15.8 | 12.5 | 9.5 | 311.1 | 321.4 | 3.4 | 90.6 | 7.8 | 54.0 |
| 17.1 | 56.2 | 5006.6 | 550.0 | -8.9 | -10.0 | 298.0 | 17.0 | 10.5 | 13.4 | 313.5 | 323.4 | 3.3 | 92.0 | 8.9 | 55.0 |
| 18.4 | 59.3 | 5385.7 | 525.0 | -11.3 | -12.5 | 299.2 | 19.3 | 9.4 | 16.9 | 314.9 | 323.5 | 2.8 | 91.0 | 10.1 | 51.0 |
| 19.8 | 62.4 | 5738.9 | 500.0 | -13.4 | -14.4 | 299.2 | 19.3 | 8.6 | 16.7 | 316.7 | 323.5 | 2.5 | 92.3 | 11.5 | 48.0 |
| 21.1 | 65.5 | 6090.0 | 475.0 | -16.7 | -19.5 | 210.2 | 18.7 | 10.0 | 17.2 | 317.3 | 322.8 | 1.7 | 79.2 | 13.0 | 45.0 |
| 22.4 | 68.6 | 6448.3 | 450.0 | -21.7 | -24.9 | 213.7 | 20.0 | 11.1 | 16.6 | 318.0 | 317.4 | 0.3 | 17.7 | 14.6 | 44.0 |
| 23.8 | 71.7 | 6815.7 | 425.0 | -24.9 | -28.5 | 222.2 | 19.8 | 13.2 | 14.7 | 317.1 | 317.4 | 0.1 | 6.6 | 16.4 | 43.0 |
| 25.8 | 75.7 | 7195.7 | 400.0 | -28.5 | -32.0 | 232.9 | 21.9 | 17.5 | 13.2 | 318.0 | 318.3 | 0.1 | 7.8 | 18.4 | 43.0 |
| 27.5 | 79.3 | 7582.1 | 375.0 | -32.0 | -35.1 | 241.1 | 23.1 | 20.2 | 15.1 | 319.2 | 319.4 | 0.1 | 8.4 | 20.4 | 45.0 |
| 29.3 | 83.0 | 8022.2 | 350.0 | -35.1 | -37.9 | 251.5 | 28.2 | 23.7 | 15.1 | 321.4 | 321.6 | 0.0 | 8.5 | 22.9 | 47.0 |
| 31.1 | 87.0 | 8482.2 | 325.0 | -37.9 | -39.9 | 261.9 | 29.0 | 23.7 | 16.7 | 324.5 | 324.6 | 0.0 | 9.1 | 26.0 | 48.0 |
| 33.1 | 91.2 | 8952.9 | 300.0 | -41.4 | -44.8 | 266.8 | 29.4 | 24.6 | 16.1 | 327.0 | 324.6 | 0.0 | 999.9 | 29.1 | 49.0 |
| 35.1 | 95.4 | 9454.4 | 275.0 | -44.8 | -48.5 | 272.2 | 37.2 | 33.4 | 16.2 | 330.4 | 327.0 | 99.9 | 999.9 | 32.9 | 50.0 |
| 37.4 | 100.0 | 10007.9 | 250.0 | -48.5 | -52.6 | 279.9 | 35.9 | 33.7 | 12.4 | 333.9 | 327.0 | 99.9 | 999.9 | 37.0 | 52.0 |
| 40.3 | 105.0 | 10595.1 | 225.0 | -52.6 | -56.7 | 289.9 | 40.2 | 38.8 | 10.3 | 337.9 | 327.0 | 99.9 | 999.9 | 42.3 | 55.0 |
| 43.2 | 110.2 | 11204.5 | 200.0 | -56.7 | -60.0 | 296.4 | 43.0 | 41.7 | 10.1 | 343.1 | 327.0 | 99.9 | 999.9 | 49.1 | 57.0 |
| 46.5 | 116.0 | 11891.0 | 175.0 | -60.0 | -63.5 | 302.9 | 40.5 | 38.7 | 11.9 | 354.3 | 327.0 | 99.9 | 999.9 | 55.8 | 60.0 |
| 50.4 | 122.5 | 12605.1 | 150.0 | -63.5 | -67.0 | 309.9 | 36.4 | 34.7 | 9.4 | 360.9 | 327.0 | 99.9 | 999.9 | 63.8 | 61.0 |
| 55.2 | 130.0 | 13412.4 | 125.0 | -67.0 | -70.5 | 316.0 | 25.0 | 23.2 | 5.7 | 366.8 | 327.0 | 99.9 | 999.9 | 70.4 | 62.0 |
| 60.5 | 138.3 | 14278.2 | 100.0 | -70.5 | -74.0 | 322.2 | 25.5 | 24.9 | 5.7 | 406.8 | 327.0 | 99.9 | 999.9 | 77.0 | 63.0 |
| 68.0 | 148.3 | 15218.8 | 75.0 | -74.0 | -77.5 | 328.0 | 9.5 | 6.8 | 6.6 | 436.3 | 327.0 | 99.9 | 999.9 | 82.5 | 64.0 |
| 79.4 | 159.0 | 16282.3 | 50.0 | -77.5 | -80.8 | 334.0 | 4.5 | -0.8 | 4.5 | 500.3 | 327.0 | 99.9 | 999.9 | 82.9 | 64.0 |
| | | | 25.0 | -80.8 | -84.9 | 340.0 | 7.9 | -7.8 | 1.1 | 632.5 | 327.0 | 99.9 | 999.9 | 81.8 | 64.0 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 11
BURNET, TEXAS
24 APRIL 1982
1705 GMT

| TIME MIN | ONTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0 | 9.2 | 386.5 | 973.9 | 12.0 | 11.1 | 130.0 | 1.0 | -0.8 | 0.6 | 287.3 | 309.3 | 8.6 | 94.0 | 0.0 | 0. |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 0.8 | 11.5 | 593.0 | 950.0 | 8.7 | 8.4 | 174.0 | 3.2 | -0.3 | 3.2 | 286.1 | 305.0 | 7.3 | 97.9 | 0.1 | 324. |
| 1.7 | 13.9 | 814.0 | 925.0 | 8.7 | 8.4 | 196.1 | 4.9 | 1.4 | 4.7 | 288.2 | 307.7 | 6.2 | 97.9 | 0.3 | 357. |
| 2.4 | 16.3 | 1041.6 | 900.0 | 8.5 | 8.2 | 197.2 | 4.1 | 1.2 | 3.9 | 291.3 | 312.7 | 6.2 | 96.0 | 0.5 | 6. |
| 3.3 | 18.7 | 1275.6 | 875.0 | 8.5 | 8.1 | 209.4 | 4.4 | 2.2 | 3.8 | 292.6 | 313.2 | 7.8 | 97.6 | 0.7 | 8. |
| 4.3 | 21.2 | 1515.4 | 850.0 | 7.6 | 7.2 | 228.9 | 6.3 | 4.8 | 4.2 | 294.1 | 314.2 | 7.5 | 97.6 | 1.0 | 18. |
| 5.1 | 23.7 | 1761.7 | 825.0 | 7.2 | 6.8 | 226.5 | 10.6 | 7.7 | 7.3 | 296.2 | 318.6 | 7.6 | 97.2 | 1.4 | 28. |
| 6.1 | 26.2 | 2015.7 | 800.0 | 7.4 | 7.0 | 226.8 | 13.0 | 9.5 | 8.9 | 299.0 | 320.4 | 7.9 | 97.3 | 2.1 | 33. |
| 7.1 | 28.7 | 2277.7 | 775.0 | 6.2 | 5.9 | 231.0 | 11.3 | 8.8 | 7.1 | 300.5 | 321.2 | 7.6 | 98.1 | 2.8 | 37. |
| 8.1 | 31.3 | 2546.2 | 750.0 | 4.6 | 4.5 | 239.6 | 9.6 | 8.3 | 4.8 | 301.8 | 321.3 | 7.1 | 97.9 | 3.4 | 41. |
| 9.0 | 33.9 | 2822.1 | 725.0 | 2.9 | 2.5 | 244.2 | 8.1 | 7.2 | 3.5 | 302.6 | 320.4 | 6.4 | 97.7 | 3.9 | 43. |
| 10.0 | 36.6 | 3106.1 | 700.0 | 0.7 | -1.4 | 243.1 | 7.7 | 6.8 | 3.5 | 303.3 | 317.6 | 5.0 | 86.2 | 4.3 | 45. |
| 11.1 | 39.3 | 3397.3 | 675.0 | -1.3 | -1.2 | 245.7 | 9.2 | 8.4 | 3.8 | 304.2 | 314.6 | 3.6 | 89.6 | 4.8 | 47. |
| 12.4 | 42.0 | 3697.7 | 650.0 | -2.5 | -2.5 | 248.2 | 11.0 | 10.2 | 4.1 | 306.1 | 316.0 | 3.4 | 88.6 | 5.6 | 50. |
| 13.5 | 44.8 | 4007.9 | 625.0 | -4.9 | -4.9 | 253.3 | 12.1 | 11.6 | 3.5 | 306.8 | 315.5 | 2.9 | 68.5 | 6.3 | 53. |
| 14.9 | 47.8 | 4328.1 | 600.0 | -6.8 | -6.8 | 254.2 | 14.4 | 13.8 | 3.9 | 308.5 | 312.7 | 1.3 | 34.1 | 7.2 | 56. |
| 16.1 | 50.4 | 4659.5 | 575.0 | -8.7 | -8.7 | 248.9 | 16.5 | 15.4 | 6.0 | 309.8 | 313.9 | 1.3 | 37.4 | 8.4 | 58. |
| 17.5 | 53.4 | 5002.3 | 550.0 | -11.2 | -11.2 | 241.9 | 17.5 | 15.4 | 8.2 | 310.8 | 314.5 | 0.2 | 38.9 | 9.8 | 59. |
| 19.0 | 56.4 | 5358.0 | 525.0 | -12.0 | -12.0 | 240.3 | 18.7 | 15.2 | 9.3 | 313.0 | 313.5 | 0.2 | 37.1 | 11.4 | 59. |
| 20.4 | 59.5 | 5729.0 | 500.0 | -14.5 | -14.5 | 239.6 | 18.9 | 16.3 | 9.6 | 315.4 | 315.8 | 0.1 | 54.7 | 13.1 | 59. |
| 21.8 | 62.6 | 6115.5 | 475.0 | -17.4 | -17.4 | 245.8 | 19.9 | 18.1 | 8.2 | 316.5 | 317.0 | 0.1 | 6.6 | 14.7 | 60. |
| 23.3 | 65.9 | 6518.3 | 450.0 | -20.4 | -20.4 | 254.3 | 20.5 | 19.8 | 5.6 | 317.7 | 318.1 | 0.1 | 6.9 | 16.3 | 62. |
| 24.9 | 69.1 | 6938.3 | 425.0 | -24.1 | -24.1 | 257.4 | 22.5 | 22.5 | 4.6 | 318.1 | 318.5 | 0.1 | 7.5 | 18.3 | 64. |
| 26.8 | 72.6 | 7377.9 | 400.0 | -27.2 | -27.2 | 253.6 | 23.4 | 22.5 | 6.6 | 319.7 | 319.9 | 0.1 | 8.0 | 20.5 | 65. |
| 28.3 | 76.1 | 7839.7 | 375.0 | -30.6 | -30.6 | 247.2 | 25.1 | 25.1 | 10.6 | 321.1 | 321.4 | 0.0 | 7.7 | 23.1 | 65. |
| 30.2 | 79.9 | 8326.7 | 350.0 | -33.8 | -33.8 | 245.4 | 27.2 | 28.7 | 13.1 | 323.2 | 323.4 | 0.0 | 7.8 | 26.5 | 65. |
| 32.1 | 83.7 | 8843.0 | 325.0 | -36.6 | -36.6 | 251.5 | 32.2 | 30.5 | 10.2 | 326.2 | 326.4 | 0.0 | 99.9 | 30.1 | 65. |
| 34.1 | 87.7 | 9393.3 | 300.0 | -40.5 | -40.5 | 256.5 | 36.5 | 35.4 | 8.5 | 328.3 | 328.4 | 99.9 | 99.9 | 34.1 | 66. |
| 36.2 | 91.8 | 9982.0 | 275.0 | -43.6 | -43.6 | 260.0 | 41.3 | 40.7 | 7.2 | 332.0 | 332.0 | 99.9 | 99.9 | 39.1 | 68. |
| 38.4 | 96.2 | 10617.5 | 250.0 | -47.5 | -47.5 | 258.2 | 39.9 | 39.0 | 8.1 | 335.4 | 335.4 | 99.9 | 99.9 | 44.1 | 69. |
| 40.5 | 100.8 | 11306.9 | 225.0 | -51.6 | -51.6 | 258.9 | 44.8 | 43.9 | 8.7 | 339.4 | 339.4 | 99.9 | 99.9 | 49.6 | 70. |
| 42.8 | 105.8 | 12061.9 | 200.0 | -56.9 | -56.9 | 256.7 | 47.2 | 45.9 | 10.8 | 342.7 | 342.7 | 99.9 | 99.9 | 55.9 | 71. |
| 45.4 | 111.3 | 12803.1 | 175.0 | -58.5 | -58.5 | 252.4 | 39.2 | 37.4 | 11.9 | 353.4 | 353.4 | 99.9 | 99.9 | 62.3 | 72. |
| 48.2 | 117.0 | 13574.9 | 150.0 | -58.9 | -58.9 | 248.5 | 36.6 | 34.1 | 13.4 | 373.6 | 373.6 | 99.9 | 99.9 | 69.0 | 71. |
| 51.6 | 123.5 | 15037.7 | 125.0 | -58.9 | -58.9 | 249.2 | 30.5 | 28.5 | 10.8 | 392.0 | 392.0 | 99.9 | 99.9 | 75.7 | 71. |
| 55.5 | 131.0 | 16434.7 | 100.0 | -63.2 | -63.2 | 246.7 | 23.6 | 21.7 | 9.4 | 405.7 | 405.7 | 99.9 | 99.9 | 82.7 | 71. |
| 59.3 | 139.3 | 18202.3 | 75.0 | -64.1 | -64.1 | 99.9 | 99.9 | 99.9 | 99.9 | 438.6 | 438.6 | 99.9 | 99.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 50.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
-- BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 11
BURNET, TEXAS
24 APRIL 1982
2000 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0 0 | 9.4 | 386.5 | 971.9 | 14.5 | 12.9 | 130.0 | 1.8 | -1.4 | 1.2 | 290.0 | 315.0 | 9.7 | 90.0 | 0.0 | 0 |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 39.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.6 | 11.4 | 578.0 | 950.0 | 11.2 | 10.5 | 145.8 | 3.5 | -2.0 | 2.9 | 288.5 | 310.4 | 8.5 | 95.7 | 0.2 | 331 |
| 1.3 | 16.8 | 800.4 | 920.0 | 9.7 | 9.0 | 159.8 | 4.9 | -1.5 | 4.2 | 289.3 | 309.7 | 7.8 | 95.4 | 0.4 | 330 |
| 2.2 | 18.3 | 1028.9 | 900.0 | 10.1 | 9.4 | 195.5 | 7.9 | 1.3 | 4.7 | 292.0 | 313.7 | 8.3 | 95.5 | 0.6 | 338 |
| 3.1 | 18.8 | 1263.5 | 875.0 | 9.2 | 8.5 | 215.7 | 11.3 | 4.6 | 8.2 | 293.4 | 314.6 | 8.0 | 95.4 | 0.9 | 357 |
| 4.0 | 21.4 | 1504.5 | 850.0 | 9.4 | 8.7 | 223.1 | 11.3 | 7.7 | 8.2 | 296.0 | 318.2 | 8.3 | 95.4 | 1.3 | 13 |
| 5.0 | 23.8 | 1752.2 | 825.0 | 8.0 | 6.5 | 230.0 | 11.1 | 8.5 | 7.1 | 297.1 | 317.1 | 7.4 | 90.4 | 1.9 | 26 |
| 6.1 | 26.4 | 2006.2 | 800.0 | 6.9 | 6.1 | 239.6 | 10.4 | 7.9 | 6.7 | 298.5 | 318.7 | 7.4 | 94.9 | 2.6 | 32 |
| 7.1 | 29.0 | 2267.1 | 775.0 | 6.5 | -0.8 | 238.8 | 11.4 | 9.7 | 5.9 | 300.9 | 314.1 | 4.7 | 59.1 | 3.2 | 35 |
| 8.1 | 31.6 | 2537.5 | 750.0 | 6.9 | -0.1 | 237.9 | 11.8 | 10.0 | 6.2 | 304.0 | 318.4 | 5.1 | 61.0 | 3.8 | 40 |
| 9.2 | 34.2 | 2815.5 | 725.0 | 5.3 | -1.7 | 232.9 | 11.5 | 9.2 | 7.0 | 305.2 | 318.6 | 4.7 | 60.7 | 4.5 | 43 |
| 10.4 | 36.9 | 3101.2 | 700.0 | 2.9 | -4.2 | 232.3 | 11.8 | 9.3 | 7.2 | 305.7 | 317.4 | 4.0 | 59.4 | 5.4 | 44 |
| 11.5 | 39.7 | 3394.9 | 675.0 | 0.8 | -6.1 | 237.8 | 12.5 | 10.6 | 7.2 | 306.5 | 317.1 | 3.6 | 59.9 | 6.2 | 45 |
| 12.8 | 42.4 | 3697.0 | 650.0 | -1.5 | -9.7 | 248.4 | 15.8 | 14.7 | 5.8 | 307.3 | 315.7 | 2.8 | 53.4 | 7.2 | 48 |
| 14.1 | 45.2 | 4008.4 | 625.0 | -3.4 | -15.1 | 251.2 | 17.6 | 16.7 | 5.7 | 308.6 | 314.4 | 1.9 | 39.5 | 8.4 | 52 |
| 15.3 | 48.1 | 4329.5 | 600.0 | -6.4 | -16.7 | 251.9 | 17.1 | 16.3 | 5.3 | 308.7 | 314.5 | 1.8 | 48.0 | 9.7 | 54 |
| 16.5 | 51.0 | 4660.2 | 575.0 | -9.7 | -16.7 | 251.9 | 17.0 | 16.4 | 4.4 | 308.7 | 314.2 | 1.8 | 56.1 | 10.8 | 56 |
| 17.9 | 54.0 | 5002.2 | 550.0 | -11.1 | -39.0 | 253.1 | 16.8 | 16.1 | 4.9 | 310.9 | 311.7 | 0.2 | 7.8 | 12.1 | 57 |
| 19.4 | 57.1 | 5388.7 | 525.0 | -12.3 | -39.8 | 251.2 | 19.8 | 18.7 | 6.4 | 313.6 | 314.4 | 0.2 | 7.9 | 13.6 | 61 |
| 20.8 | 60.1 | 5729.4 | 500.0 | -15.1 | -41.7 | 252.3 | 23.1 | 22.0 | 7.0 | 314.7 | 315.4 | 0.2 | 8.1 | 15.4 | 61 |
| 22.3 | 63.3 | 6115.9 | 475.0 | -17.0 | -43.4 | 254.5 | 24.7 | 23.8 | 6.6 | 316.9 | 317.5 | 0.2 | 8.0 | 17.7 | 63 |
| 24.0 | 66.6 | 6519.4 | 450.0 | -20.1 | -43.7 | 255.0 | 27.9 | 26.9 | 7.2 | 318.0 | 318.6 | 0.2 | 10.0 | 20.2 | 64 |
| 25.7 | 70.0 | 6940.0 | 425.0 | -23.8 | -46.2 | 253.2 | 24.6 | 23.5 | 7.1 | 318.5 | 319.0 | 0.1 | 10.6 | 23.0 | 66 |
| 27.4 | 73.4 | 7380.5 | 400.0 | -26.8 | -48.6 | 255.0 | 24.1 | 23.3 | 6.3 | 320.2 | 320.7 | 0.1 | 10.5 | 25.3 | 66 |
| 29.2 | 77.0 | 7843.2 | 375.0 | -29.9 | -51.2 | 258.1 | 30.1 | 29.0 | 8.3 | 322.0 | 322.4 | 0.1 | 10.5 | 28.3 | 67 |
| 31.1 | 80.7 | 8335.0 | 350.0 | -33.1 | -53.3 | 257.6 | 35.5 | 34.7 | 8.3 | 322.0 | 322.4 | 0.1 | 10.5 | 31.7 | 68 |
| 33.0 | 84.7 | 8849.7 | 325.0 | -36.2 | -55.6 | 257.4 | 47.2 | 46.1 | 10.3 | 324.1 | 324.4 | 0.1 | 11.4 | 36.5 | 69 |
| 35.1 | 88.7 | 9400.4 | 300.0 | -40.2 | -59.9 | 257.3 | 46.3 | 45.1 | 10.2 | 326.8 | 327.0 | 0.1 | 11.4 | 42.6 | 70 |
| 37.2 | 92.8 | 9989.4 | 275.0 | -44.0 | -64.7 | 258.1 | 42.4 | 41.4 | 8.3 | 331.6 | 331.6 | 99.9 | 99.9 | 48.3 | 71 |
| 39.4 | 97.2 | 10622.8 | 250.0 | -48.7 | -69.9 | 257.5 | 42.4 | 41.4 | 9.2 | 333.7 | 333.7 | 99.9 | 99.9 | 53.0 | 72 |
| 41.8 | 102.0 | 11309.5 | 225.0 | -52.3 | -74.7 | 255.8 | 45.5 | 45.1 | 11.4 | 338.4 | 338.4 | 99.9 | 99.9 | 58.7 | 73 |
| 44.3 | 107.0 | 12065.7 | 200.0 | -55.6 | -79.9 | 254.4 | 41.3 | 39.2 | 13.1 | 343.8 | 343.8 | 99.9 | 99.9 | 66.3 | 73 |
| 47.1 | 112.4 | 12911.2 | 175.0 | -57.6 | -84.7 | 248.2 | 37.7 | 35.0 | 14.0 | 354.9 | 354.9 | 99.9 | 99.9 | 73.2 | 72 |
| 50.3 | 118.5 | 13881.4 | 150.0 | -58.7 | -89.9 | 246.7 | 44.6 | 41.0 | 17.7 | 369.0 | 369.0 | 99.9 | 99.9 | 79.3 | 72 |
| 53.8 | 125.0 | 15035.1 | 125.0 | -56.7 | -99.9 | 255.7 | 33.2 | 32.1 | 8.2 | 392.3 | 392.3 | 99.9 | 99.9 | 89.1 | 71 |
| 58.1 | 132.7 | 16436.1 | 100.0 | -61.5 | -99.9 | 247.2 | 15.6 | 14.4 | 6.0 | 408.9 | 408.9 | 99.9 | 99.9 | 95.1 | 72 |
| 63.3 | 141.0 | 18195.3 | 75.0 | -65.2 | -99.9 | 239.1 | 10.4 | 8.9 | 5.3 | 436.3 | 436.3 | 99.9 | 99.9 | 98.5 | 72 |
| 70.4 | 150.7 | 20705.4 | 50.0 | -59.7 | -99.9 | 176.0 | 4.1 | -0.3 | 4.1 | 502.9 | 502.9 | 99.9 | 99.9 | 101.8 | 72 |
| 82.3 | 161.0 | 25144.0 | 25.0 | -48.8 | -99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 644.4 | 644.4 | 99.9 | 99.9 | 99.9 | 99.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
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ORIGINAL PAGE IS
OF POOR QUALITY

| STATION NO. 11 BURNET, TEXAS | | | | | | | | | | | | | | |
|---------------------------------|-------|---------|--------|--------|--------|-------|-------|--------|--------|-------|---------|--------|------|-------|
| 24 APRIL 1982 | | | | | | | | | | | | | | |
| 2300 GMT | | | | | | | | | | | | | | |
| TIME | CNTCT | HEIGHT | PRES | TEMP | DEW PT | DIR | SPEED | U COMP | V COMP | POT T | E POT T | MX RTO | RH | RANGE |
| MIN | | GPM | MB | DEG C | DEG C | DEG | M/SEC | M/SEC | M/SEC | DEG K | DEG K | GM/KG | PCT | KM |
| 0.0 | 9.6 | 386.5 | 969.2 | 14.8 | 11.9 | 130.0 | 1.5 | -1.1 | 1.0 | 290.5 | 314.2 | 9.1 | 83.0 | 0.0 |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.7 | 11.5 | 555.0 | 950.0 | 12.3 | 11.6 | 178.0 | 5.6 | -0.2 | 5.6 | 289.6 | 313.2 | 9.1 | 95.9 | 0.2 |
| 1.6 | 13.8 | 778.3 | 925.0 | 10.5 | 10.0 | 193.0 | 7.1 | 1.6 | 6.9 | 290.0 | 311.8 | 8.4 | 96.8 | 0.5 |
| 2.4 | 16.2 | 1007.4 | 900.0 | 11.8 | 9.7 | 207.1 | 10.4 | 4.8 | 9.3 | 293.7 | 318.5 | 9.4 | 96.6 | 0.9 |
| 3.1 | 18.6 | 1243.3 | 875.0 | 10.2 | 9.8 | 212.3 | 11.4 | 6.1 | 9.6 | 294.4 | 317.4 | 8.7 | 96.3 | 1.4 |
| 4.0 | 21.1 | 1484.6 | 850.0 | 9.8 | 8.9 | 214.5 | 12.1 | 6.8 | 9.9 | 296.4 | 319.1 | 8.5 | 94.5 | 2.0 |
| 4.9 | 23.5 | 1732.6 | 825.0 | 8.4 | 7.0 | 221.4 | 11.2 | 8.3 | 7.6 | 297.5 | 318.2 | 7.7 | 91.3 | 2.6 |
| 5.8 | 26.0 | 1988.0 | 800.0 | 10.2 | 4.2 | 227.4 | 10.6 | 9.5 | 5.2 | 302.1 | 320.1 | 6.5 | 86.0 | 3.1 |
| 6.9 | 28.6 | 2252.1 | 775.0 | 8.6 | 2.3 | 236.6 | 11.1 | 9.3 | 6.1 | 303.3 | 319.8 | 5.9 | 83.7 | 3.7 |
| 8.0 | 31.1 | 2523.1 | 750.0 | 7.6 | 1.0 | 235.0 | 12.5 | 10.2 | 7.2 | 304.8 | 320.4 | 5.5 | 82.9 | 4.5 |
| 9.1 | 33.7 | 2801.4 | 725.0 | 4.9 | -0.5 | 235.0 | 13.2 | 11.1 | 7.2 | 305.3 | 319.4 | 5.1 | 81.1 | 5.3 |
| 10.1 | 36.2 | 3086.8 | 700.0 | 2.6 | -1.0 | 243.6 | 13.5 | 12.1 | 6.0 | 306.2 | 320.0 | 4.4 | 77.6 | 6.1 |
| 11.2 | 38.9 | 3380.1 | 675.0 | 0.4 | -3.4 | 247.1 | 14.8 | 13.8 | 5.7 | 307.2 | 315.2 | 2.6 | 75.5 | 6.9 |
| 12.2 | 41.4 | 3682.1 | 650.0 | -1.5 | -10.6 | 248.4 | 15.5 | 14.4 | 5.7 | 307.7 | 313.7 | 2.0 | 73.7 | 7.7 |
| 13.2 | 44.1 | 3993.1 | 625.0 | -4.2 | -14.7 | 244.8 | 16.2 | 14.6 | 6.9 | 307.7 | 310.4 | 0.6 | 71.7 | 8.7 |
| 14.3 | 46.9 | 4313.4 | 600.0 | -8.9 | -28.6 | 246.5 | 17.0 | 15.6 | 6.8 | 308.4 | 311.1 | 0.4 | 69.6 | 9.8 |
| 15.5 | 49.8 | 4644.1 | 575.0 | -11.3 | -32.3 | 252.2 | 18.3 | 17.4 | 5.8 | 309.6 | 311.1 | 0.4 | 67.7 | 11.0 |
| 16.7 | 52.7 | 4986.8 | 550.0 | -13.6 | -35.8 | 260.2 | 19.8 | 16.6 | 2.9 | 310.7 | 312.0 | 0.4 | 65.8 | 12.1 |
| 17.9 | 55.6 | 5342.3 | 525.0 | -15.8 | -37.8 | 260.3 | 17.3 | 17.0 | 2.9 | 312.1 | 313.3 | 0.3 | 63.9 | 13.3 |
| 19.3 | 58.6 | 5711.5 | 500.0 | -18.0 | -39.6 | 263.6 | 20.6 | 20.3 | 3.5 | 313.8 | 314.8 | 0.3 | 62.0 | 14.7 |
| 20.8 | 61.8 | 6096.7 | 475.0 | -20.6 | -41.4 | 262.5 | 25.2 | 25.0 | 2.8 | 315.7 | 316.6 | 0.3 | 60.1 | 16.7 |
| 22.3 | 64.9 | 6498.9 | 450.0 | -24.1 | -43.9 | 261.0 | 25.6 | 25.3 | 3.3 | 317.4 | 318.2 | 0.2 | 58.2 | 18.9 |
| 23.9 | 68.1 | 6918.8 | 425.0 | -27.0 | -46.0 | 257.1 | 26.8 | 26.5 | 4.2 | 318.1 | 318.8 | 0.2 | 56.3 | 21.1 |
| 25.5 | 71.4 | 7358.9 | 400.0 | -30.1 | -48.4 | 255.4 | 30.2 | 29.4 | 6.7 | 319.9 | 320.4 | 0.2 | 54.4 | 23.9 |
| 27.3 | 75.0 | 7821.0 | 375.0 | -33.4 | -51.2 | 254.4 | 36.3 | 35.1 | 9.1 | 321.8 | 322.3 | 0.1 | 52.5 | 27.4 |
| 29.1 | 78.5 | 8309.4 | 350.0 | -37.2 | -54.5 | 254.9 | 39.1 | 37.7 | 10.6 | 323.8 | 324.2 | 0.1 | 50.6 | 31.5 |
| 30.9 | 82.3 | 8825.9 | 325.0 | -40.7 | -57.9 | 254.9 | 42.2 | 40.7 | 11.0 | 325.4 | 325.6 | 0.1 | 48.7 | 36.1 |
| 32.8 | 86.2 | 9375.9 | 300.0 | -44.5 | -59.9 | 256.5 | 44.9 | 43.7 | 10.5 | 328.0 | 329.9 | 99.9 | 46.8 | 40.7 |
| 34.8 | 90.2 | 9982.5 | 275.0 | -49.1 | -59.9 | 254.6 | 50.4 | 48.6 | 13.3 | 330.8 | 333.0 | 99.9 | 44.9 | 46.8 |
| 37.2 | 94.6 | 10594.0 | 250.0 | -53.6 | -59.9 | 254.6 | 45.8 | 44.1 | 12.3 | 333.0 | 336.4 | 99.9 | 43.1 | 53.4 |
| 39.9 | 99.2 | 11278.1 | 225.0 | -57.2 | -59.9 | 251.2 | 49.3* | 47.7 | 15.3 | 336.4 | 344.3 | 99.9 | 41.1 | 61.1 |
| 42.9 | 104.2 | 12030.3 | 200.0 | -59.9 | -59.9 | 249.6 | 47.5* | 45.0 | 18.0 | 344.3 | 355.5 | 99.9 | 39.3 | 70.0 |
| 45.9 | 109.5 | 12877.6 | 175.0 | -58.1 | -59.9 | 242.7 | 43.8* | 41.1 | 15.3 | 355.5 | 370.0 | 99.9 | 37.7 | 78.7 |
| 49.3 | 115.2 | 13846.5 | 150.0 | -58.2 | -59.9 | 256.1 | 39.3* | 34.9 | 18.0 | 370.0 | 389.6 | 99.9 | 36.0 | 86.0 |
| 53.2 | 121.7 | 14996.7 | 125.0 | -62.9 | -59.9 | 253.7 | 33.5* | 22.5 | 8.1 | 389.6 | 399.9 | 99.9 | 34.5 | 95.1 |
| 57.6 | 129.0 | 16386.3 | 100.0 | -64.1 | -59.9 | 273.0 | 25.7* | 7.2 | 7.2 | 406.2 | 399.9 | 99.9 | 33.0 | 103.5 |
| 63.6 | 137.7 | 18154.0 | 75.0 | -62.0 | -59.9 | 196.4 | 10.5* | 10.5 | -0.6 | 438.5 | 399.9 | 99.9 | 31.5 | 109.2 |
| 71.3 | 147.7 | 20646.2 | 50.0 | -51.0* | -59.9 | 196.4 | 8.6* | 2.4 | 8.2 | 497.4 | 399.9 | 99.9 | 30.0 | 108.7 |
| 83.3 | 158.7 | 25073.5 | 25.0 | -51.0* | -59.9 | 32.2 | 9.5 | -5.0 | -8.0 | 638.3 | 399.9 | 99.9 | 28.5 | 106.7 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
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ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 11
BURNET, TEXAS
25 APRIL 1982
208 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO CM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0 | 10.0 | 386.5 | 968.2 | 14.1 | 12.3 | 0.0 | 0.0 | 0.0 | 0.0 | 289.9 | 314.1 | 9.4 | 99.0 | 0.0 | 0 |
| 98.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 99.9 | 999 |
| 0.6 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 99.9 | 999 |
| 1.5 | 11.8 | 546.3 | 950.0 | 11.9 | 11.1 | 153.7 | 8.7 | -3.9 | 7.8 | 289.3 | 312.0 | 8.8 | 94.6 | 0.2 | 339 |
| 2.5 | 14.2 | 770.2 | 925.0 | 10.6 | 11.0 | 184.7 | 8.5 | 0.7 | 8.5 | 291.5 | 314.7 | 8.9 | 94.0 | 0.6 | 350 |
| 3.5 | 16.6 | 999.9 | 900.0 | 9.4 | 9.7 | 190.9 | 10.7 | 2.0 | 10.5 | 292.4 | 314.7 | 8.5 | 94.5 | 1.1 | 1 |
| 4.5 | 19.0 | 1234.6 | 875.0 | 9.1 | 8.5 | 195.9 | 12.3 | 3.4 | 11.9 | 293.6 | 314.9 | 8.0 | 94.2 | 1.8 | 5 |
| 5.3 | 21.4 | 1475.8 | 850.0 | 9.1 | 6.5 | 195.9 | 10.8 | 6.6 | 8.6 | 295.7 | 315.2 | 7.2 | 84.0 | 2.4 | 9 |
| 6.1 | 23.9 | 1723.6 | 825.0 | 10.1 | 1.8 | 245.7 | 9.9 | 9.1 | 4.1 | 295.7 | 315.2 | 5.3 | 56.6 | 2.8 | 18 |
| 7.1 | 26.4 | 1979.8 | 800.0 | 10.2 | -16.5 | 255.3 | 9.4 | 9.0 | 2.4 | 302.1 | 316.0 | 1.3 | 13.5 | 3.1 | 25 |
| 8.0 | 28.9 | 2242.5 | 775.0 | 8.2 | -18.1 | 245.1 | 8.8 | 8.0 | 3.7 | 302.7 | 316.0 | 0.5 | 13.4 | 3.5 | 32 |
| 9.1 | 31.1 | 2512.2 | 750.0 | 6.6 | -27.6 | 242.3 | 11.2 | 10.0 | 5.2 | 303.7 | 316.0 | 0.5 | 6.5 | 4.0 | 35 |
| 10.2 | 34.1 | 2788.9 | 725.0 | 4.4 | -29.4 | 246.3 | 14.4 | 13.2 | 5.8 | 304.3 | 316.0 | 0.5 | 6.5 | 4.7 | 41 |
| 11.3 | 36.8 | 3073.5 | 700.0 | 2.3 | -30.7 | 250.6 | 16.3 | 15.4 | 5.4 | 305.1 | 316.0 | 0.4 | 6.5 | 5.6 | 45 |
| 12.4 | 39.3 | 3366.0 | 675.0 | 0.2 | -32.6 | 257.2 | 17.1 | 16.6 | 3.8 | 307.2 | 317.1 | 0.3 | 6.3 | 6.6 | 50 |
| 13.5 | 42.0 | 3667.2 | 650.0 | -1.6 | -35.0 | 257.5 | 17.4 | 17.0 | 2.9 | 308.2 | 318.2 | 0.3 | 5.8 | 7.7 | 54 |
| 14.6 | 44.8 | 3978.0 | 625.0 | -3.8 | -36.4 | 260.0 | 16.8 | 16.6 | 0.9 | 308.1 | 318.5 | 0.1 | 5.8 | 8.7 | 57 |
| 15.8 | 47.6 | 4299.0 | 600.0 | -5.9 | -37.4 | 266.9 | 16.5 | 16.5 | 0.3 | 309.3 | 318.5 | 0.1 | 5.8 | 9.7 | 60 |
| 17.0 | 50.5 | 4630.4 | 575.0 | -8.9 | -39.1 | 268.9 | 15.7 | 16.7 | 0.3 | 309.6 | 318.5 | 0.1 | 5.8 | 10.7 | 63 |
| 18.2 | 53.4 | 4972.6 | 550.0 | -11.8 | -40.6 | 264.5 | 17.5 | 17.5 | 1.7 | 310.1 | 318.5 | 0.1 | 5.8 | 11.9 | 65 |
| 19.6 | 56.4 | 5326.7 | 525.0 | -14.9 | -42.2 | 258.7 | 18.2 | 17.8 | 3.5 | 310.6 | 318.5 | 0.1 | 5.8 | 13.2 | 67 |
| 21.0 | 59.5 | 5694.5 | 500.0 | -16.6 | -44.5 | 260.9 | 20.2 | 20.0 | 3.2 | 312.8 | 318.5 | 0.1 | 5.8 | 14.7 | 68 |
| 22.5 | 62.6 | 6078.4 | 475.0 | -18.7 | -45.9 | 260.2 | 23.1 | 22.8 | 3.9 | 314.8 | 318.5 | 0.1 | 5.8 | 16.5 | 70 |
| 23.9 | 65.9 | 6478.2 | 450.0 | -21.1 | -47.2 | 258.8 | 25.8 | 25.3 | 5.0 | 316.7 | 318.5 | 0.1 | 5.8 | 18.6 | 71 |
| 25.5 | 69.0 | 6898.2 | 425.0 | -24.4 | -48.5 | 257.9 | 27.1 | 26.5 | 5.7 | 317.7 | 318.5 | 0.1 | 5.8 | 20.9 | 72 |
| 27.1 | 72.4 | 7336.7 | 400.0 | -28.4 | -49.4 | 259.2 | 29.4 | 28.9 | 5.5 | 318.1 | 318.5 | 0.1 | 5.8 | 23.4 | 73 |
| 28.7 | 75.9 | 7795.8 | 375.0 | -31.6 | -51.5 | 258.7 | 33.1 | 32.4 | 6.5 | 319.8 | 320.1 | 0.1 | 5.8 | 26.5 | 74 |
| 30.5 | 79.3 | 8280.4 | 350.0 | -35.6 | -54.7 | 258.4 | 36.6 | 35.8 | 7.5 | 320.8 | 321.0 | 0.1 | 5.8 | 29.8 | 74 |
| 32.5 | 83.2 | 8791.6 | 325.0 | -39.5 | -57.8 | 260.0 | 34.0 | 33.5 | 5.9 | 322.3 | 322.5 | 0.0 | 5.8 | 33.7 | 74 |
| 34.6 | 87.1 | 9336.6 | 300.0 | -43.5 | -59.9 | 255.8 | 40.3 | 39.1 | 9.9 | 325.4 | 322.5 | 99.9 | 999.9 | 38.0 | 75 |
| 36.8 | 91.2 | 9920.9 | 275.0 | -45.6 | 99.9 | 253.7 | 44.5 | 42.7 | 12.5 | 329.2 | 322.5 | 99.9 | 999.9 | 43.5 | 75 |
| 39.2 | 95.6 | 10548.8 | 250.0 | -50.4 | 99.9 | 254.5 | 46.1 | 44.1 | 12.3 | 331.2 | 322.5 | 99.9 | 999.9 | 49.4 | 75 |
| 41.4 | 100.2 | 11230.9 | 225.0 | -53.8 | 99.9 | 250.8 | 39.3 | 37.1 | 12.3 | 336.1 | 322.5 | 99.9 | 999.9 | 55.9 | 75 |
| 43.3 | 105.0 | 11981.7 | 200.0 | -57.6 | 99.9 | 247.2 | 42.2 | 39.0 | 12.4 | 341.6 | 322.5 | 99.9 | 999.9 | 60.8 | 74 |
| 47.3 | 110.3 | 12824.6 | 175.0 | -57.2 | 99.9 | 251.9 | 41.7* | 39.7 | 12.4 | 355.5 | 322.5 | 99.9 | 999.9 | 68.1 | 73 |
| 50.5 | 122.5 | 13798.2 | 150.0 | -56.2 | 99.9 | 252.3 | 41.0* | 38.0 | 12.4 | 373.2 | 322.5 | 99.9 | 999.9 | 75.4 | 73 |
| 54.4 | 128.7 | 14954.0 | 125.0 | -57.6* | 99.9 | 253.3 | 27.0* | 25.8 | 7.6 | 390.7 | 322.5 | 99.9 | 999.9 | 82.3 | 73 |
| 58.1 | 138.3 | 16343.8 | 100.0 | -61.8* | 99.9 | 249.1 | 20.3* | 19.6 | 7.2 | 408.4 | 322.5 | 99.9 | 999.9 | 88.1 | 73 |
| 66.0 | 148.3 | 17108.3 | 75.0 | -65.5 | 99.9 | 262.3 | 13.2 | 13.0 | 1.8 | 435.7 | 322.5 | 99.9 | 999.9 | 92.6 | 73 |
| 78.0 | 159.3 | 20593.3 | 50.0 | -61.5 | 99.9 | 157.5 | 8.6 | -3.3 | -4.4 | 435.7 | 322.5 | 99.9 | 999.9 | 94.6 | 73 |
| | | 25018.7 | 25.0 | -52.0 | 99.9 | 323.7 | 5.4 | 3.2 | | 635.7 | 322.5 | 99.9 | 999.9 | 91.5 | 73 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

| STATION NO. 11 BURNET, TEXAS | | | | | | | | | | | | | |
|---------------------------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|
| 25 APRIL 1982 503 GMT | | | | | | | | | | | | | |
| TIME MIN | ONTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT |
| 0.0 | 9.8 | 385.5 | 968.5 | 13.2 | 12.6 | 140.0 | 0.9 | -0.6 | 0.7 | 289.0 | 313.5 | 9.5 | 95.0 |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.5 | 11.5 | 548.5 | 950.0 | 12.0 | 11.3 | 182.4 | 9.6 | 0.4 | 9.6 | 289.4 | 312.4 | 8.6 | 95.7 |
| 1.5 | 13.9 | 772.4 | 925.0 | 12.2 | 11.4 | 192.0 | 12.2 | 2.5 | 11.9 | 291.8 | 315.8 | 8.2 | 95.7 |
| 2.3 | 16.3 | 1002.3 | 900.0 | 11.2 | 10.5 | 194.1 | 14.4 | 3.5 | 14.0 | 293.1 | 316.6 | 8.9 | 95.4 |
| 3.2 | 18.7 | 1237.8 | 875.0 | 10.3 | 9.4 | 210.0 | 10.8 | 5.4 | 9.4 | 294.5 | 312.2 | 6.6 | 95.4 |
| 4.2 | 21.2 | 1481.3 | 850.0 | 10.3 | 8.8 | 237.8 | 8.8 | 7.5 | 4.7 | 302.4 | 303.7 | 0.6 | 95.4 |
| 5.0 | 23.6 | 1732.0 | 825.0 | 13.1 | -24.2 | 254.3 | 9.1 | 8.8 | 2.5 | 302.4 | 303.7 | 0.6 | 95.4 |
| 6.0 | 26.1 | 1989.9 | 800.0 | 11.1 | -26.9 | 266.7 | 9.7 | 8.7 | 0.6 | 303.0 | 307.5 | 1.5 | 95.4 |
| 7.0 | 28.6 | 2253.4 | 775.0 | 8.5 | -28.2 | 276.8 | 12.3 | 9.7 | -1.5 | 303.0 | 307.5 | 1.5 | 95.4 |
| 7.9 | 31.1 | 2523.3 | 750.0 | 6.9 | -31.4 | 273.2 | 15.0 | 13.0 | -0.9 | 304.1 | 310.8 | 1.5 | 95.4 |
| 9.0 | 33.7 | 2800.6 | 725.0 | 4.6 | -33.4 | 271.4 | 15.6 | 15.6 | -0.4 | 304.5 | 308.8 | 1.1 | 95.4 |
| 10.1 | 36.3 | 3084.8 | 700.0 | 2.0 | -36.3 | 278.6 | 16.6 | 16.6 | -1.9 | 304.7 | 308.7 | 0.6 | 95.4 |
| 11.2 | 39.0 | 3376.8 | 675.0 | 0.1 | -38.8 | 277.2 | 14.9 | 14.7 | -1.9 | 305.8 | 306.5 | 0.2 | 95.4 |
| 12.4 | 41.7 | 3678.0 | 650.0 | -1.6 | -41.3 | 270.2 | 12.7 | 12.7 | -0.6 | 307.2 | 307.7 | 0.2 | 95.4 |
| 13.6 | 44.4 | 3988.4 | 625.0 | -4.2 | -43.0 | 264.5 | 15.2 | 15.1 | 1.5 | 307.6 | 308.1 | 0.1 | 95.4 |
| 14.8 | 47.2 | 4308.6 | 600.0 | -6.2 | -44.6 | 261.4 | 17.2 | 16.9 | 2.6 | 308.9 | 309.3 | 0.1 | 95.4 |
| 16.1 | 50.1 | 4639.9 | 575.0 | -8.7 | -46.6 | 255.7 | 18.7 | 18.1 | 4.6 | 309.8 | 310.2 | 0.1 | 95.4 |
| 17.3 | 53.0 | 4982.3 | 550.0 | -11.5 | -49.0 | 253.9 | 20.3 | 19.5 | 5.6 | 310.7 | 310.7 | 0.1 | 95.4 |
| 18.5 | 56.0 | 5336.6 | 525.0 | -14.5 | -51.1 | 256.5 | 19.9 | 19.4 | 4.6 | 311.1 | 311.3 | 0.1 | 95.4 |
| 19.8 | 59.0 | 5705.0 | 500.0 | -16.7 | -53.4 | 262.8 | 21.3 | 21.2 | 2.7 | 312.7 | 313.0 | 0.1 | 95.4 |
| 21.2 | 62.1 | 6088.6 | 475.0 | -18.9 | -54.6 | 267.4 | 23.7 | 23.5 | 3.1 | 314.6 | 314.8 | 0.1 | 95.4 |
| 22.8 | 65.4 | 6489.1 | 450.0 | -21.2 | -56.9 | 259.7 | 24.6 | 24.1 | 5.0 | 315.5 | 316.7 | 0.0 | 95.4 |
| 24.3 | 68.6 | 6908.1 | 425.0 | -24.7 | -59.3 | 259.9 | 24.6 | 24.1 | 99.9 | 316.5 | 317.5 | 0.0 | 95.4 |
| 25.9 | 72.0 | 7345.4 | 400.0 | -28.5 | -62.9 | 259.9 | 24.6 | 24.1 | 99.9 | 317.9 | 318.0 | 0.0 | 95.4 |
| 99.9 | 99.9 | 99.9 | 375.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 350.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 325.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 300.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 275.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 250.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 225.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 200.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 175.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 150.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 125.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 100.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 75.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 50.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 ** BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 *** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
 *** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL FORM IS
OF POOR QUALITY

STATION NO. 12
COLLEGE STATION, TEXAS

24 APRIL 1982
1415 GMT

| TIME MIN | CNTOT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO CM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 5.9 | 79.0 | 1010.5 | 11.3 | 9.7 | 999.9 | 99.9 | 99.9 | 99.9 | 283.6 | 302.7 | 7.5 | 90.0 | 999.9 | 999.9 |
| 0.5 | 6.9 | 166.0 | 1000.0 | 10.1* | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 283.3 | 300.1 | 99.9 | 999.9 | 999.9 | 999.9 |
| 1.4 | 9.3 | 376.2 | 975.0 | 8.1 | 7.2 | 999.9 | 99.9 | 99.9 | 99.9 | 283.3 | 300.1 | 99.9 | 999.9 | 999.9 | 999.9 |
| 2.1 | 11.5 | 590.8 | 950.0 | 7.5 | 5.7 | 999.9 | 99.9 | 99.9 | 99.9 | 284.8 | 300.5 | 6.1 | 94.1 | 999.9 | 999.9 |
| 3.0 | 14.0 | 810.4 | 925.0 | 6.4 | 5.2 | 999.9 | 99.9 | 99.9 | 99.9 | 285.9 | 301.5 | 6.0 | 88.6 | 999.9 | 999.9 |
| 3.9 | 16.4 | 1036.3 | 900.0 | 8.9 | 8.3 | 999.9 | 99.9 | 99.9 | 99.9 | 290.7 | 310.7 | 7.7 | 91.7 | 999.9 | 999.9 |
| 4.7 | 18.8 | 1270.4 | 875.0 | 9.3 | 8.7 | 999.9 | 99.9 | 99.9 | 99.9 | 293.5 | 315.0 | 8.1 | 95.7 | 999.9 | 999.9 |
| 5.6 | 21.2 | 1511.2 | 850.0 | 8.9 | 8.3 | 999.9 | 99.9 | 99.9 | 99.9 | 295.5 | 317.1 | 8.1 | 95.7 | 999.9 | 999.9 |
| 6.4 | 23.7 | 1758.7 | 825.0 | 8.0 | 7.3 | 999.9 | 99.9 | 99.9 | 99.9 | 297.1 | 318.2 | 7.8 | 95.6 | 999.9 | 999.9 |
| 7.4 | 26.3 | 2012.6 | 800.0 | 6.6 | 5.9 | 999.9 | 99.9 | 99.9 | 99.9 | 298.2 | 318.1 | 7.3 | 95.5 | 999.9 | 999.9 |
| 8.3 | 28.8 | 2272.8 | 775.0 | 4.5 | 3.9 | 999.9 | 99.9 | 99.9 | 99.9 | 298.7 | 316.6 | 6.6 | 95.6 | 999.9 | 999.9 |
| 9.3 | 31.3 | 2539.7 | 750.0 | 2.9 | 2.2 | 999.9 | 99.9 | 99.9 | 99.9 | 316.4 | 316.4 | 6.0 | 94.8 | 999.9 | 999.9 |
| 10.4 | 33.9 | 2813.8 | 725.0 | 1.2 | 0.5 | 999.9 | 99.9 | 99.9 | 99.9 | 300.8 | 316.2 | 5.2 | 94.9 | 999.9 | 999.9 |
| 11.4 | 36.6 | 3096.0 | 700.0 | -0.1 | -0.8 | 999.9 | 99.9 | 99.9 | 99.9 | 302.4 | 317.0 | 5.2 | 94.7 | 999.9 | 999.9 |
| 12.3 | 39.2 | 3387.2 | 675.0 | -1.1 | -1.9 | 999.9 | 99.9 | 99.9 | 99.9 | 304.4 | 318.5 | 4.9 | 94.4 | 999.9 | 999.9 |
| 13.4 | 42.0 | 3688.0 | 650.0 | -2.7 | -3.5 | 999.9 | 99.9 | 99.9 | 99.9 | 306.0 | 319.1 | 4.6 | 94.0 | 999.9 | 999.9 |
| 14.4 | 44.7 | 3999.1 | 625.0 | -3.6 | -4.5 | 999.9 | 99.9 | 99.9 | 99.9 | 308.3 | 321.1 | 4.4 | 93.8 | 999.9 | 999.9 |
| 15.5 | 47.5 | 4321.4 | 600.0 | -4.9 | -5.8 | 999.9 | 99.9 | 99.9 | 99.9 | 310.5 | 322.7 | 4.1 | 93.4 | 999.9 | 999.9 |
| 16.6 | 50.3 | 99.9 | 575.0 | 99.9** | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 322.7 | 99.9 | 999.9 | 999.9 | 999.9 |
| 17.8 | 53.2 | 99.9 | 550.0 | 99.9** | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 322.7 | 99.9 | 999.9 | 999.9 | 999.9 |
| 18.9 | 56.1 | 99.9 | 525.0 | 99.9** | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 322.7 | 99.9 | 999.9 | 999.9 | 999.9 |
| 20.1 | 59.3 | 99.9 | 500.0 | 99.9** | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 322.7 | 99.9 | 999.9 | 999.9 | 999.9 |
| 21.4 | 62.4 | 99.9 | 475.0 | 99.9** | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 322.7 | 99.9 | 999.9 | 999.9 | 999.9 |
| 22.6 | 65.6 | 99.9 | 450.0 | 99.9** | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 322.7 | 99.9 | 999.9 | 999.9 | 999.9 |
| 23.9 | 68.9 | 99.9 | 425.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 322.7 | 99.9 | 999.9 | 999.9 | 999.9 |
| 25.2 | 72.1 | 99.9 | 400.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 322.7 | 99.9 | 999.9 | 999.9 | 999.9 |
| 26.7 | 75.7 | 99.9 | 375.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 322.7 | 99.9 | 999.9 | 999.9 | 999.9 |
| 28.2 | 79.3 | 99.9 | 350.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 322.7 | 99.9 | 999.9 | 999.9 | 999.9 |
| 29.8 | 83.0 | 99.9 | 325.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 322.7 | 99.9 | 999.9 | 999.9 | 999.9 |
| 31.4 | 87.0 | 99.9 | 300.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 322.7 | 99.9 | 999.9 | 999.9 | 999.9 |
| 33.1 | 91.2 | 99.9 | 275.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 322.7 | 99.9 | 999.9 | 999.9 | 999.9 |
| 34.8 | 95.5 | 99.9 | 250.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 322.7 | 99.9 | 999.9 | 999.9 | 999.9 |
| 36.5 | 100.0 | 99.9 | 225.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 322.7 | 99.9 | 999.9 | 999.9 | 999.9 |
| 38.9 | 99.9 | 99.9 | 200.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 322.7 | 99.9 | 999.9 | 999.9 | 999.9 |
| 40.9 | 99.9 | 99.9 | 175.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 322.7 | 99.9 | 999.9 | 999.9 | 999.9 |
| 43.9 | 99.9 | 99.9 | 150.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 322.7 | 99.9 | 999.9 | 999.9 | 999.9 |
| 46.9 | 99.9 | 99.9 | 125.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 322.7 | 99.9 | 999.9 | 999.9 | 999.9 |
| 49.9 | 99.9 | 99.9 | 100.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 322.7 | 99.9 | 999.9 | 999.9 | 999.9 |
| 52.9 | 99.9 | 99.9 | 75.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 322.7 | 99.9 | 999.9 | 999.9 | 999.9 |
| 55.9 | 99.9 | 99.9 | 50.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 322.7 | 99.9 | 999.9 | 999.9 | 999.9 |
| 58.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 322.7 | 99.9 | 999.9 | 999.9 | 999.9 |
| 90.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 322.7 | 99.9 | 999.9 | 999.9 | 999.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
 ** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

C-2

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 12
COLLEGE STATION, TEXAS
24 APRIL 1982
1707 GMT

| TIME MIN | ONCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POI T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE NM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 6.1 | 79.0 | 1010.5 | 11.8 | 10.5 | 120.0 | 4.1 | -3.6 | 2.0 | 284.1 | 304.3 | 8.0 | 92.0 | 0.0 | 0. |
| 0.2 | 7.1 | 186.5 | 1000.0 | 11.1* | 10.1 | 999.9 | 99.9 | 99.9 | 99.9 | 284.9 | 304.2 | 7.8 | 93.4 | 999.9 | 999.9 |
| 1.2 | 9.4 | 377.6 | 975.0 | 9.7 | 8.8 | 999.9 | 99.9 | 99.9 | 99.9 | 284.9 | 303.4 | 7.2 | 93.1 | 0.2 | 264. |
| 2.2 | 11.6 | 594.7 | 950.0 | 11.6 | 10.5 | 259.1 | 2.2 | -0.8 | 2.1 | 289.0 | 310.9 | 8.5 | 93.0 | 0.4 | 267. |
| 3.3 | 14.0 | 818.3 | 925.0 | 11.6 | 10.5 | 259.1 | 2.0 | 0.4 | 0.4 | 291.2 | 313.9 | 8.7 | 93.0 | 0.3 | 274. |
| 4.2 | 16.3 | 1047.8 | 900.0 | 10.9 | 9.9 | 274.6 | 2.4 | 2.3 | -0.2 | 292.8 | 315.6 | 8.6 | 93.4 | 0.2 | 276. |
| 5.3 | 18.7 | 1282.8 | 875.0 | 9.8 | 8.7 | 250.3 | 2.2 | 2.0 | 0.7 | 294.0 | 316.0 | 8.1 | 93.0 | 0.1 | 274. |
| 6.3 | 21.2 | 1523.8 | 850.0 | 8.8* | 7.6 | 182.3 | 4.4 | 4.6 | 4.4 | 295.3 | 317.4 | 7.7 | 92.1 | 0.1 | 328. |
| 7.3 | 23.6 | 1771.1 | 825.0 | 8.0 | 6.9 | 219.1 | 7.4 | 5.5 | 5.7 | 297.1 | 318.7 | 7.3 | 91.4 | 0.5 | 12. |
| 8.3 | 26.1 | 2025.2 | 800.0 | 7.2 | 5.9 | 230.8 | 8.5 | 5.4 | 6.4 | 298.8 | 319.6 | 7.0 | 91.3 | 0.9 | 28. |
| 9.4 | 28.5 | 2266.6 | 775.0 | 6.1 | 4.8 | 219.3 | 8.6 | 5.4 | 6.6 | 300.4 | 319.6 | 6.5 | 91.1 | 1.5 | 32. |
| 10.5 | 31.1 | 2534.9 | 750.0 | 4.6 | 3.3 | 219.3 | 9.1 | 5.9 | 7.0 | 301.6 | 318.6 | 5.6 | 88.8 | 2.1 | 34. |
| 11.7 | 33.6 | 2830.9 | 725.0 | 2.5 | 0.9 | 218.2 | 10.0 | 6.2 | 7.9 | 302.2 | 318.0 | 5.2 | 88.8 | 2.7 | 36. |
| 13.0 | 36.2 | 3114.1 | 700.0 | 0.8 | -0.6 | 216.3 | 10.6 | 6.3 | 8.5 | 303.4 | 318.2 | 4.7 | 88.0 | 3.5 | 38. |
| 14.2 | 38.9 | 3405.9 | 675.0 | -0.7 | -2.5 | 215.2 | 11.2 | 6.5 | 9.1 | 304.8 | 322.9 | 5.0 | 89.1 | 5.1 | 36. |
| 15.4 | 41.4 | 3708.6 | 650.0 | -0.6 | -2.2 | 215.2 | 12.2 | 7.0 | 10.0 | 308.9 | 323.3 | 4.3 | 89.2 | 6.0 | 36. |
| 16.5 | 44.2 | 4021.1 | 625.0 | -3.1 | -4.7 | 213.9 | 13.8 | 7.4 | 11.5 | 308.9 | 323.3 | 4.1 | 89.2 | 7.1 | 35. |
| 17.8 | 47.0 | 4344.2 | 600.0 | -4.3 | -5.8 | 210.8 | 14.4 | 8.1 | 12.3 | 311.1 | 325.2 | 3.8 | 84.8 | 8.3 | 34. |
| 19.1 | 49.8 | 4679.6 | 575.0 | -5.3 | -7.5 | 211.6 | 15.4 | 8.1 | 13.1 | 313.8 | 325.2 | 3.6 | 80.1 | 9.5 | 34. |
| 20.4 | 52.7 | 5027.0 | 550.0 | -8.5 | -11.3 | 213.0 | 15.7 | 8.5 | 13.1 | 314.1 | 323.1 | 2.9 | 70.3 | 10.9 | 34. |
| 21.9 | 55.7 | 5386.3 | 525.0 | -11.4 | -15.7 | 214.3 | 16.1 | 8.5 | 13.3 | 314.7 | 321.4 | 2.1 | 28.0 | 12.3 | 34. |
| 23.4 | 58.6 | 5758.8 | 500.0 | -15.2 | -30.8 | 211.7 | 16.2 | 9.1 | 13.8 | 314.6 | 316.9 | 0.7 | 4.9 | 13.9 | 34. |
| 24.9 | 61.8 | 6143.3 | 475.0 | -18.9 | -51.3 | 218.1 | 20.0 | 11.8 | 16.1 | 315.5 | 315.7 | 0.0 | 2.9 | 15.8 | 34. |
| 26.4 | 64.8 | 6544.3 | 450.0 | -21.3 | -55.5 | 218.7 | 21.3 | 13.3 | 16.6 | 316.5 | 315.7 | 0.0 | 2.2 | 17.6 | 35. |
| 27.8 | 68.0 | 6963.5 | 425.0 | -24.4 | -59.7 | 226.8 | 19.8 | 14.4 | 13.6 | 317.8 | 317.9 | 0.0 | 2.2 | 19.1 | 36. |
| 29.3 | 71.4 | 7402.7 | 400.0 | -27.7 | -61.8 | 233.6 | 19.2 | 15.5 | 11.4 | 319.0 | 319.1 | 0.0 | 2.7 | 20.9 | 38. |
| 30.7 | 74.9 | 7882.9 | 375.0 | -31.1 | -62.7 | 232.2 | 22.7 | 17.9 | 13.9 | 320.5 | 320.6 | 0.0 | 2.6 | 23.4 | 39. |
| 32.5 | 78.4 | 8349.2 | 350.0 | -34.2 | -65.5 | 228.9 | 26.1 | 19.7 | 17.1 | 322.6 | 322.7 | 0.0 | 2.8 | 26.0 | 40. |
| 34.1 | 82.0 | 8863.3 | 325.0 | -37.7 | -67.3 | 229.6 | 27.7 | 21.1 | 18.0 | 324.8 | 324.8 | 0.0 | 2.8 | 29.2 | 42. |
| 35.0 | 86.0 | 9411.8 | 300.0 | -41.1 | -69.9 | 229.6 | 29.3 | 24.3 | 16.5 | 327.5 | 329.9 | 99.9 | 999.9 | 32.4 | 43. |
| 37.8 | 90.0 | 9999.9 | 275.0 | -44.1 | -69.9 | 240.3 | 30.5 | 26.5 | 15.1 | 331.3 | 329.9 | 99.9 | 999.9 | 35.7 | 45. |
| 39.8 | 94.3 | 10634.4 | 250.0 | -48.1 | -69.9 | 240.8 | 30.1 | 26.3 | 14.7 | 334.6 | 329.9 | 99.9 | 999.9 | 40.2 | 47. |
| 42.1 | 98.8 | 11320.7 | 225.0 | -53.1 | -69.9 | 245.2 | 35.3 | 32.9 | 15.2 | 337.2 | 329.9 | 99.9 | 999.9 | 45.4 | 49. |
| 44.6 | 103.8 | 12072.7 | 200.0 | -57.3 | -69.9 | 246.9 | 36.6 | 33.6 | 14.4 | 342.1 | 329.9 | 99.9 | 999.9 | 50.3 | 51. |
| 47.0 | 109.0 | 12510.7 | 175.0 | -60.3 | -69.9 | 241.8 | 36.0 | 26.4 | 14.1 | 350.4 | 329.9 | 99.9 | 999.9 | 54.7 | 51. |
| 50.1 | 115.0 | 13874.9 | 150.0 | -57.5 | -69.9 | 236.9 | 24.0 | 20.1 | 13.1 | 371.0 | 329.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 59.9 | 99.9 | 99.9 | 125.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 100.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 75.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 50.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 | 999.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 ** BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 *** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
 **** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 12
COLLEGE STATION, TEXAS
24 APRIL 1982
2003 GMT

| TIME MIN | CNTCT | HEIGHT GFM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO CM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 6.2 | 79.0 | 1009.1 | 14.5 | 11.6 | 5.0 | 3.0 | -0.3 | -3.0 | 286.9 | 308.9 | 8.6 | 83.0 | 0.0 | 0.0 |
| 0.3 | 7.0 | 155.2 | 1000.0 | 11.0 | 9.8 | 999.9 | 99.9 | 99.9 | 99.9 | 284.2 | 303.5 | 7.5 | 91.9 | 999.9 | 999.9 |
| 1.1 | 9.4 | 366.9 | 975.0 | 10.1 | 9.7 | 999.9 | 99.9 | 99.9 | 99.9 | 285.7 | 305.2 | 7.8 | 91.9 | 999.9 | 999.9 |
| 2.0 | 11.7 | 583.8 | 950.0 | 11.3 | 10.8 | 999.9 | 99.9 | 99.9 | 99.9 | 288.7 | 310.9 | 8.6 | 96.9 | 999.9 | 999.9 |
| 2.8 | 14.1 | 807.1 | 925.0 | 11.8 | 10.2 | 200.7 | 2.8 | 1.0 | 2.6 | 291.4 | 313.8 | 8.5 | 90.2 | 0.3 | 285 |
| 3.8 | 16.5 | 1036.6 | 900.0 | 10.6 | 9.8 | 203.4 | 3.9 | 1.6 | 3.6 | 292.4 | 314.8 | 8.5 | 95.2 | 0.4 | 317 |
| 4.5 | 18.9 | 1271.2 | 875.0 | 9.4 | 8.8 | 194.6 | 4.1 | 1.0 | 4.0 | 295.1 | 315.2 | 8.2 | 95.8 | 0.5 | 339 |
| 5.5 | 21.4 | 1512.5 | 850.0 | 8.5 | 7.9 | 209.9 | 5.7 | 2.9 | 5.0 | 295.1 | 316.2 | 7.9 | 95.8 | 0.7 | 352 |
| 6.5 | 23.9 | 1758.9 | 825.0 | 7.2 | 6.7 | 232.7 | 7.9 | 5.8 | 5.3 | 295.1 | 316.4 | 7.6 | 96.3 | 1.0 | 10 |
| 7.5 | 26.4 | 2012.8 | 800.0 | 7.0 | 6.4 | 232.7 | 10.4 | 8.3 | 6.3 | 300.1 | 319.2 | 7.6 | 96.5 | 1.5 | 24 |
| 8.5 | 28.9 | 2273.8 | 775.0 | 5.8 | 5.3 | 231.3 | 10.3 | 8.1 | 6.5 | 301.1 | 320.0 | 7.3 | 96.6 | 2.0 | 32 |
| 9.5 | 31.4 | 2542.0 | 750.0 | 4.2 | 2.8 | 228.0 | 10.6 | 7.9 | 7.1 | 302.8 | 320.5 | 6.3 | 90.9 | 2.7 | 37 |
| 10.6 | 34.0 | 2817.3 | 725.0 | 3.0 | -0.6 | 231.6 | 10.7 | 8.4 | 6.6 | 304.6 | 317.1 | 5.1 | 77.0 | 3.4 | 39 |
| 11.7 | 36.7 | 3101.6 | 700.0 | 1.9 | -4.2 | 234.4 | 10.9 | 8.9 | 6.3 | 306.0 | 316.2 | 4.0 | 63.9 | 4.1 | 42 |
| 12.9 | 39.3 | 3394.4 | 675.0 | 0.3 | -6.7 | 229.9 | 12.4 | 9.5 | 8.0 | 307.4 | 315.8 | 3.4 | 59.3 | 4.9 | 44 |
| 14.0 | 42.0 | 3696.2 | 650.0 | -1.4 | -9.8 | 226.0 | 15.6 | 11.7 | 10.2 | 308.8 | 315.7 | 2.3 | 46.5 | 5.8 | 46 |
| 15.2 | 44.8 | 4007.8 | 625.0 | -3.2 | -13.0 | 236.3 | 15.7 | 13.0 | 8.7 | 309.8 | 315.7 | 2.3 | 46.5 | 6.9 | 48 |
| 16.4 | 47.6 | 4329.6 | 600.0 | -5.5 | -26.0 | 241.4 | 15.0 | 12.0 | 7.2 | 309.9 | 312.3 | 0.8 | 17.9 | 8.0 | 48 |
| 17.7 | 50.4 | 4661.5 | 575.0 | -8.6 | -29.1 | 240.1 | 13.9 | 12.0 | 6.9 | 309.9 | 311.8 | 0.6 | 16.2 | 9.1 | 48 |
| 19.0 | 53.3 | 5003.9 | 550.0 | -11.7 | -48.3 | 236.7 | 15.2 | 13.0 | 7.9 | 310.2 | 312.4 | 0.7 | 22.0 | 10.2 | 50 |
| 20.4 | 56.2 | 5360.1 | 525.0 | -17.7 | -48.3 | 237.2 | 17.4 | 14.5 | 9.1 | 314.4 | 314.7 | 0.1 | 22.0 | 11.6 | 51 |
| 21.9 | 59.3 | 5731.8 | 500.0 | -14.5 | -51.2 | 243.6 | 16.8 | 14.1 | 7.9 | 315.4 | 315.7 | 0.1 | 3.1 | 13.1 | 52 |
| 23.4 | 62.3 | 6117.9 | 475.0 | -17.7 | -52.4 | 244.4 | 18.5 | 15.9 | 8.0 | 316.1 | 316.4 | 0.1 | 3.5 | 14.6 | 53 |
| 24.9 | 65.4 | 6520.2 | 450.0 | -20.6 | -54.3 | 244.4 | 22.4 | 16.7 | 8.0 | 317.4 | 316.4 | 0.1 | 3.5 | 16.2 | 54 |
| 26.4 | 68.6 | 6941.0 | 425.0 | -22.8 | -56.6 | 240.4 | 22.9 | 19.5 | 11.1 | 319.7 | 319.9 | 0.0 | 3.8 | 18.0 | 55 |
| 28.1 | 72.0 | 7382.7 | 400.0 | -26.1 | -58.0 | 235.2 | 22.9 | 18.8 | 13.0 | 321.1 | 321.3 | 0.0 | 3.8 | 20.3 | 55 |
| 29.8 | 75.6 | 7845.7 | 375.0 | -29.7 | -59.5 | 237.8 | 25.0 | 21.2 | 13.4 | 322.2 | 322.4 | 0.0 | 4.5 | 22.6 | 55 |
| 31.7 | 79.1 | 8334.1 | 350.0 | -33.2 | -61.9 | 244.9 | 28.5 | 25.8 | 12.1 | 324.0 | 324.1 | 0.0 | 5.1 | 25.7 | 56 |
| 33.5 | 82.9 | 8851.1 | 325.0 | -36.4 | -61.9 | 246.5 | 31.1 | 28.5 | 12.4 | 326.5 | 326.7 | 0.0 | 5.1 | 29.0 | 57 |
| 35.6 | 86.7 | 9401.2 | 300.0 | -40.6 | -61.9 | 245.7 | 32.1 | 29.3 | 12.2 | 328.2 | 328.2 | 0.0 | 5.1 | 33.0 | 58 |
| 37.6 | 90.8 | 9989.1 | 275.0 | -44.6 | -61.9 | 242.9 | 33.5 | 29.9 | 15.3 | 330.6 | 329.9 | 99.9 | 99.9 | 36.8 | 59 |
| 39.7 | 95.2 | 10620.3 | 250.0 | -49.5 | -61.9 | 243.8 | 35.5 | 31.9 | 15.7 | 332.4 | 329.9 | 99.9 | 99.9 | 41.1 | 59 |
| 42.1 | 99.7 | 11304.7 | 225.0 | -53.7 | -61.9 | 244.6 | 35.8 | 32.3 | 15.3 | 336.2 | 329.9 | 99.9 | 99.9 | 46.4 | 60 |
| 44.8 | 104.6 | 12053.4 | 200.0 | -58.2 | -61.9 | 243.5 | 30.4 | 27.2 | 13.6 | 340.6 | 329.9 | 99.9 | 99.9 | 51.5 | 60 |
| 47.6 | 109.8 | 12889.0 | 175.0 | -60.2 | -61.9 | 239.5 | 28.6 | 24.7 | 14.5 | 350.6 | 329.9 | 99.9 | 99.9 | 56.7 | 60 |
| 50.8 | 115.6 | 13649.3 | 150.0 | -59.4 | -61.9 | 239.7 | 28.2 | 24.3 | 14.2 | 367.8 | 329.9 | 99.9 | 99.9 | 61.9 | 60 |
| 54.5 | 122.0 | 14999.8 | 125.0 | -59.1 | -61.9 | 239.9 | 24.9 | 21.5 | 12.5 | 388.0 | 329.9 | 99.9 | 99.9 | 67.9 | 60 |
| 59.0 | 129.3 | 16383.0 | 100.0 | -65.0 | -61.9 | 241.7 | 21.2 | 18.7 | 10.0 | 402.2 | 329.9 | 99.9 | 99.9 | 74.4 | 60 |
| 64.4 | 137.7 | 18126.6 | 75.0 | -66.1 | -61.9 | 245.2 | 13.9 | 12.6 | 5.8 | 435.4 | 329.9 | 99.9 | 99.9 | 80.2 | 60 |
| 71.8 | 147.5 | 20619.6 | 50.0 | -61.3 | -61.9 | 252.5 | 6.6 | 5.3 | 2.0 | 499.1 | 329.9 | 99.9 | 99.9 | 82.0 | 60 |
| 83.6 | 158.3 | 25034.4 | 25.0 | -52.2 | -61.9 | 999.9 | 99.9 | 99.9 | 99.9 | 634.9 | 329.9 | 99.9 | 99.9 | 83.8 | 60 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS OF POOR QUALITY

STATION NO. 12
COLLEGE STATION, TEXAS
24 APRIL 1982
2310 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTG CM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 6.4 | 79.6 | 1005.8 | 14.2 | 12.4 | 0.0 | 2.6 | 0.0 | -2.6 | 286.9 | 310.0 | 9.1 | 89.0 | 0.0 | 0.0 |
| 0.3 | 6.9 | 127.8 | 1000.0 | 12.2 | 11.8 | 999.9 | 99.9 | 99.9 | 99.9 | 285.3 | 307.6 | 8.8 | 97.7 | 999.9 | 999.9 |
| 1.1 | 9.3 | 339.6 | 975.0 | 10.2 | 10.1 | 999.9 | 99.9 | 99.9 | 99.9 | 285.4 | 305.9 | 8.0 | 99.0 | 999.9 | 999.9 |
| 1.8 | 11.6 | 556.5 | 950.0 | 10.7 | 10.6 | 999.9 | 99.9 | 99.9 | 99.9 | 288.1 | 310.0 | 8.5 | 99.1 | 999.9 | 999.9 |
| 2.6 | 14.0 | 779.3 | 925.0 | 10.9* | 10.8 | 999.9 | 99.9 | 99.9 | 99.9 | 290.5 | 313.4 | 8.8 | 99.1 | 999.9 | 999.9 |
| 3.4 | 16.4 | 1008.3 | 900.0 | 10.4 | 10.2 | 999.9 | 99.9 | 99.9 | 99.9 | 292.2 | 315.0 | 8.7 | 98.6 | 0.8 | 317 |
| 4.2 | 18.6 | 1242.9 | 875.0 | 9.1 | 8.9 | 999.9 | 6.2 | 1.6 | 6.0 | 293.3 | 315.0 | 8.2 | 98.5 | 1.1 | 328 |
| 5.1 | 21.3 | 1483.4 | 850.0 | 8.6 | 8.4 | 230.5 | 8.0 | 6.1 | 5.2 | 295.2 | 317.0 | 8.2 | 98.4 | 1.2 | 342 |
| 5.9 | 23.8 | 1730.6 | 825.0 | 7.8 | 7.6 | 230.1 | 9.7 | 7.4 | 6.2 | 296.9 | 318.3 | 8.0 | 98.3 | 1.5 | 360 |
| 6.8 | 26.3 | 1984.4 | 800.0 | 6.4 | 6.1 | 216.9 | 10.5 | 6.3 | 8.4 | 298.0 | 318.2 | 7.4 | 98.1 | 1.9 | 11 |
| 7.7 | 28.8 | 2244.6 | 775.0 | 4.7 | 4.4 | 215.7 | 10.1 | 5.9 | 8.2 | 298.9 | 317.4 | 8.8 | 97.5 | 2.5 | 16 |
| 8.7 | 31.4 | 2511.7 | 750.0 | 3.4 | -2.2 | 222.0 | 9.7 | 6.5 | 7.2 | 300.2 | 314.4 | 5.0 | 97.5 | 3.0 | 20 |
| 9.7 | 34.0 | 2786.5 | 725.0 | 3.2 | -2.5 | 222.7 | 10.7 | 7.3 | 7.9 | 303.0 | 315.6 | 4.4 | 96.2 | 3.5 | 24 |
| 10.6 | 36.6 | 3071.1 | 700.0 | 2.0 | -2.6 | 223.4 | 12.2 | 8.4 | 8.8 | 304.7 | 317.8 | 4.5 | 96.2 | 4.1 | 27 |
| 11.5 | 39.3 | 3363.7 | 675.0 | -0.4 | -6.4 | 230.0 | 13.3 | 10.2 | 6.5 | 305.2 | 315.4 | 3.5 | 93.7 | 4.8 | 30 |
| 12.5 | 42.0 | 3654.7 | 650.0 | -2.2 | -8.4 | 241.2 | 12.8 | 11.2 | 6.1 | 306.5 | 315.8 | 3.1 | 92.4 | 5.5 | 33 |
| 13.5 | 44.8 | 3975.1 | 625.0 | -4.7 | -12.1 | 249.6 | 13.3 | 12.4 | 4.6 | 307.0 | 314.3 | 2.4 | 90.5 | 6.2 | 37 |
| 14.5 | 47.6 | 4284.7 | 600.0 | -7.4 | -17.2 | 252.7 | 13.2 | 12.6 | 3.9 | 307.8 | 312.7 | 1.7 | 88.2 | 6.9 | 41 |
| 15.5 | 50.4 | 4584.3 | 575.0 | -10.3 | -27.8 | 246.5 | 13.2 | 12.1 | 5.3 | 308.0 | 310.7 | 0.9 | 85.3 | 7.6 | 44 |
| 16.7 | 53.3 | 4966.1 | 550.0 | -10.9 | -38.8 | 240.5 | 14.6 | 12.7 | 7.2 | 311.2 | 312.0 | 0.2 | 79.9 | 8.5 | 48 |
| 17.9 | 56.4 | 5322.3 | 525.0 | -12.9 | -41.5 | 243.0 | 15.8 | 14.1 | 7.2 | 312.9 | 313.5 | 0.2 | 77.0 | 9.5 | 48 |
| 19.0 | 59.4 | 5692.4 | 500.0 | -15.2 | -42.8 | 244.6 | 17.1 | 15.4 | 7.3 | 314.5 | 315.2 | 0.2 | 8.3 | 10.6 | 49 |
| 20.1 | 62.5 | 6078.2 | 475.0 | -17.6 | -45.4 | 245.2 | 18.4 | 18.7 | 7.8 | 316.2 | 316.6 | 0.1 | 9.1 | 11.8 | 51 |
| 21.4 | 65.0 | 6460.0 | 450.0 | -21.1 | -48.9 | 244.1 | 19.7 | 20.8 | 7.9 | 318.7 | 317.2 | 0.1 | 9.8 | 13.1 | 52 |
| 22.7 | 67.9 | 6800.0 | 425.0 | -23.6 | -49.0 | 244.0 | 23.2 | 20.8 | 10.1 | 318.8 | 319.2 | 0.1 | 9.8 | 14.7 | 54 |
| 23.9 | 72.4 | 7340.4 | 400.0 | -26.5 | -49.0 | 246.0 | 26.6 | 23.9 | 11.6 | 320.6 | 321.0 | 0.1 | 9.8 | 16.6 | 55 |
| 25.3 | 75.9 | 7803.4 | 375.0 | -29.8 | -51.1 | 246.0 | 31.0 | 28.3 | 12.6 | 322.2 | 321.0 | 0.1 | 10.5 | 18.9 | 56 |
| 26.9 | 79.8 | 8281.5 | 350.0 | -33.4 | -54.0 | 243.9 | 33.1 | 29.7 | 14.6 | 323.8 | 324.0 | 0.1 | 10.5 | 21.9 | 58 |
| 28.5 | 83.3 | 8807.1 | 325.0 | -37.8 | -56.8 | 242.5 | 35.1 | 31.1 | 16.8 | 324.6 | 324.8 | 0.1 | 11.5 | 25.1 | 58 |
| 30.1 | 87.2 | 9324.5 | 300.0 | -41.3 | -59.9 | 243.4 | 37.5 | 33.5 | 17.2 | 327.2 | 329.9 | 99.9 | 99.9 | 28.7 | 59 |
| 31.8 | 91.3 | 9940.8 | 275.0 | -45.0 | -62.2 | 242.5 | 38.8 | 33.0 | 19.4 | 330.1 | 330.9 | 99.9 | 99.9 | 32.6 | 59 |
| 33.7 | 95.7 | 10571.2 | 250.0 | -49.7 | -65.8 | 240.7 | 36.3 | 33.6 | 17.8 | 332.2 | 332.5 | 99.9 | 99.9 | 35.7 | 59 |
| 35.7 | 100.2 | 11252.4 | 225.0 | -54.8 | -69.9 | 238.8 | 38.9 | 31.8 | 20.1 | 334.5 | 334.5 | 99.9 | 99.9 | 41.4 | 60 |
| 37.9 | 105.2 | 11998.3 | 200.0 | -59.2 | -73.8 | 236.1 | 33.3 | 33.3 | 17.6 | 339.0 | 339.0 | 99.9 | 99.9 | 46.3 | 60 |
| 40.3 | 110.4 | 12833.4 | 175.0 | -60.2 | -78.8 | 235.7 | 31.5 | 26.2 | 19.6 | 350.6 | 350.6 | 99.9 | 99.9 | 51.4 | 59 |
| 43.0 | 116.2 | 13788.1 | 150.0 | -61.3 | -83.8 | 235.7 | 34.8 | 28.7 | 19.6 | 354.4 | 354.4 | 99.9 | 99.9 | 56.6 | 59 |
| 46.3 | 122.7 | 14933.6 | 125.0 | -59.4 | -89.9 | 249.7 | 27.0 | 25.3 | 10.0 | 387.5 | 387.5 | 99.9 | 99.9 | 62.8 | 59 |
| 50.1 | 130.0 | 16319.1 | 100.0 | -65.0 | -99.9 | 240.9 | 20.6 | 18.0 | 3.1 | 402.1 | 402.1 | 99.9 | 99.9 | 68.3 | 60 |
| 54.8 | 138.3 | 18062.3 | 75.0 | -66.8 | -99.9 | 250.6 | 9.4 | 8.8 | 5.8 | 432.9 | 432.9 | 99.9 | 99.9 | 72.1 | 60 |
| 61.2 | 148.0 | 20533.7 | 50.0 | -62.8 | -99.9 | 168.8 | 5.9 | -1.1 | 5.8 | 495.6 | 495.6 | 99.9 | 99.9 | 73.5 | 60 |
| 71.1 | 158.0 | 24922.7 | 25.0 | -53.2 | -99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 631.6 | 631.6 | 99.9 | 99.9 | 75.2 | 60 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 ** BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 *** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
 *** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

STATION NO. 12
COLLEGE STATION, TEXAS

25 APRIL 1982
237 GMT

| TIME MIN | CONTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|--------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 5.8 | 79.0 | 1005.0 | 14.0 | 12.6 | 999.9 | 99.9 | 99.9 | 99.9 | 286.8 | 310.1 | 9.2 | 91.0 | 999.9 | 999.9 |
| 0.1 | 6.3 | 121.2 | 1000.0 | 14.3* | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 287.4 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 0.9 | 8.5 | 335.2 | 975.0 | 13.0 | 12.6 | 999.9 | 99.9 | 99.9 | 99.9 | 288.2 | 312.5 | 9.5 | 97.6 | 999.9 | 999.9 |
| 1.7 | 10.9 | 553.8 | 950.0 | 12.7* | 12.0 | 999.9 | 99.9 | 99.9 | 99.9 | 290.1 | 314.2 | 9.3 | 95.5 | 999.9 | 999.9 |
| 2.5 | 13.2 | 99.9 | 925.0 | 99.9** | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 3.2 | 15.6 | 99.9 | 900.0 | 99.9** | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 4.1 | 18.0 | 99.9 | 875.0 | 99.9** | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 5.1 | 20.5 | 99.9 | 850.0 | 99.9** | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 6.0 | 22.9 | 99.9 | 825.0 | 99.9** | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 6.9 | 25.4 | 99.9 | 800.0 | 99.9** | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 7.9 | 27.9 | 99.9 | 775.0 | 7.5 | 7.2 | 999.9 | 99.9 | 99.9 | 99.9 | 301.9 | 999.9 | 8.3 | 97.5 | 999.9 | 999.9 |
| 8.9 | 30.5 | 99.9 | 750.0 | 7.3 | 2.7 | 999.9 | 99.9 | 99.9 | 99.9 | 304.5 | 324.6 | 8.3 | 97.5 | 999.9 | 999.9 |
| 9.8 | 33.1 | 99.9 | 725.0 | 5.7 | -0.4 | 999.9 | 99.9 | 99.9 | 99.9 | 305.7 | 322.2 | 6.3 | 72.7 | 999.9 | 999.9 |
| 10.9 | 35.7 | 99.9 | 700.0 | 4.3 | -4.1 | 999.9 | 99.9 | 99.9 | 99.9 | 307.3 | 319.1 | 5.1 | 64.6 | 999.9 | 999.9 |
| 12.0 | 38.4 | 99.9 | 675.0 | 2.2 | -11.3 | 999.9 | 99.9 | 99.9 | 99.9 | 308.1 | 316.1 | 4.1 | 54.4 | 999.9 | 999.9 |
| 13.0 | 41.1 | 99.9 | 650.0 | -0.2 | -25.3 | 999.9 | 99.9 | 99.9 | 99.9 | 308.8 | 311.2 | 2.7 | 40.2 | 999.9 | 999.9 |
| 14.2 | 43.9 | 99.9 | 625.0 | -2.9* | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 309.2 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 15.3 | 46.7 | 99.9 | 600.0 | -5.1* | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 310.2 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 16.5 | 49.6 | 99.9 | 575.0 | -6.4 | -54.0 | 999.9 | 99.9 | 99.9 | 99.9 | 312.5 | 312.6 | 0.0 | 1.0 | 999.9 | 999.9 |
| 17.7 | 52.5 | 99.9 | 550.0 | -8.6 | -55.3 | 999.9 | 99.9 | 99.9 | 99.9 | 313.9 | 314.1 | 0.0 | 1.0 | 999.9 | 999.9 |
| 18.9 | 55.5 | 99.9 | 525.0 | -10.9 | -56.8 | 999.9 | 99.9 | 99.9 | 99.9 | 315.3 | 315.5 | 0.0 | 1.0 | 999.9 | 999.9 |
| 20.2 | 58.5 | 99.9 | 500.0 | -13.2 | -58.3 | 999.9 | 99.9 | 99.9 | 99.9 | 317.0 | 317.1 | 0.0 | 1.0 | 999.9 | 999.9 |
| 21.5 | 61.6 | 99.9 | 475.0 | -16.0 | -59.5 | 999.9 | 99.9 | 99.9 | 99.9 | 318.2 | 318.3 | 0.0 | 1.0 | 999.9 | 999.9 |
| 22.9 | 64.9 | 99.9 | 450.0 | -18.8 | -59.2 | 999.9 | 99.9 | 99.9 | 99.9 | 319.6 | 319.8 | 0.0 | 1.4 | 999.9 | 999.9 |
| 24.4 | 68.1 | 99.9 | 425.0 | -22.4 | -60.4 | 999.9 | 99.9 | 99.9 | 99.9 | 320.2 | 320.3 | 0.0 | 1.7 | 999.9 | 999.9 |
| 26.0 | 71.6 | 99.9 | 400.0 | -25.9 | -61.0 | 999.9 | 99.9 | 99.9 | 99.9 | 321.4 | 321.5 | 0.0 | 2.8 | 999.9 | 999.9 |
| 27.6 | 75.0 | 99.9 | 375.0 | -29.1 | -61.0 | 999.9 | 99.9 | 99.9 | 99.9 | 323.1 | 323.2 | 0.0 | 2.8 | 999.9 | 999.9 |
| 29.4 | 78.7 | 99.9 | 350.0 | -32.8 | -64.2 | 999.9 | 99.9 | 99.9 | 99.9 | 324.6 | 324.7 | 0.0 | 2.5 | 999.9 | 999.9 |
| 31.1 | 82.5 | 99.9 | 325.0 | -36.2 | -66.0 | 999.9 | 99.9 | 99.9 | 99.9 | 326.8 | 326.9 | 0.0 | 2.9 | 999.9 | 999.9 |
| 32.9 | 86.4 | 99.9 | 300.0 | -40.3 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 328.6 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 34.9 | 90.5 | 99.9 | 275.0 | -43.7 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 330.0 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 36.9 | 94.8 | 99.9 | 250.0 | -47.4 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 333.7 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 39.0 | 99.6 | 99.9 | 225.0 | -52.2 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 338.5 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 41.3 | 104.5 | 99.9 | 200.0 | -56.0 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 344.1 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 43.8 | 109.8 | 99.9 | 175.0 | -59.2 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 352.3 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 46.8 | 115.7 | 99.9 | 150.0 | -58.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 358.6 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 50.1 | 122.2 | 99.9 | 125.0 | -59.1 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 367.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 53.9 | 129.7 | 99.9 | 100.0 | -61.8 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 400.3 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 58.6 | 138.0 | 99.9 | 75.0 | -64.8 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 437.1 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 65.2 | 147.3 | 99.9 | 50.0 | -64.1 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 492.6 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 76.1 | 157.3 | 99.9 | 25.0 | -57.1 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 620.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |

ORIGINAL PAGE IS
OF POOR QUALITY

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 12
COLLEGE STATION, TEXAS
25 APRIL 1982
500 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO CM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 6.6 | 79.0 | 1005.0 | 14.5 | 12.9 | 180.0 | 2.6 | 0.0 | 2.6 | 287.2 | 311.1 | 9.4 | 90.0 | 0.0 | 0 |
| 0.2 | 7.0 | 121.1 | 1000.0 | 14.4 | 99.9 | 999.9 | 99.9 | 99.9 | 95.9 | 287.2 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 0.7 | 9.3 | 334.3 | 975.0 | 14.0 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 289.3 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 1.2 | 11.6 | 553.3 | 950.0 | 13.6 | 13.3 | 999.9 | 99.9 | 99.9 | 99.9 | 291.0 | 317.4 | 10.2 | 98.2 | 999.9 | 999.9 |
| 1.6 | 13.9 | 778.5 | 925.0 | 13.5 | 13.2 | 999.9 | 99.9 | 99.9 | 99.9 | 293.2 | 320.2 | 10.4 | 97.8 | 999.9 | 999.9 |
| 2.6 | 16.3 | 1009.7 | 900.0 | 12.6 | 12.4 | 999.9 | 99.9 | 99.9 | 99.9 | 294.5 | 321.0 | 10.1 | 97.8 | 999.9 | 999.9 |
| 3.3 | 18.6 | 1245.9 | 875.0 | 10.8 | 10.4 | 999.9 | 99.9 | 99.9 | 99.9 | 295.0 | 319.2 | 9.1 | 97.8 | 999.9 | 999.9 |
| 3.9 | 21.1 | 1487.7 | 850.0 | 9.8 | 9.5 | 999.9 | 99.9 | 99.9 | 99.9 | 296.4 | 319.9 | 8.8 | 97.8 | 999.9 | 999.9 |
| 4.8 | 23.5 | 1735.4 | 825.0 | 8.3 | 8.1 | 999.9 | 99.9 | 99.9 | 99.9 | 297.4 | 319.6 | 8.3 | 97.8 | 999.9 | 999.9 |
| 5.5 | 26.0 | 1989.4 | 800.0 | 7.1 | 6.9 | 999.9 | 99.9 | 99.9 | 99.9 | 298.8 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 6.2 | 28.4 | 2249.6 | 775.0 | 6.0 | 5.9 | 999.9 | 99.9 | 99.9 | 99.9 | 300.3 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 7.0 | 30.9 | 2517.5 | 750.0 | 5.9 | 5.9 | 999.9 | 99.9 | 99.9 | 99.9 | 302.5 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 7.8 | 33.5 | 2794.5 | 725.0 | 4.3 | 4.3 | 999.9 | 99.9 | 99.9 | 99.9 | 304.2 | 314.8 | 3.6 | 50.4 | 999.9 | 999.9 |
| 8.6 | 36.1 | 3079.1 | 700.0 | 1.7 | -5.1 | 999.9 | 99.9 | 99.9 | 99.9 | 306.1 | 312.6 | 2.5 | 46.4 | 999.9 | 999.9 |
| 9.3 | 38.6 | 3371.4 | 675.0 | -0.5 | -10.6 | 999.9 | 99.9 | 99.9 | 99.9 | 308.5 | 311.6 | 1.0 | 20.6 | 999.9 | 999.9 |
| 10.2 | 41.3 | 3671.7 | 650.0 | -2.5 | -22.8 | 999.9 | 99.9 | 99.9 | 99.9 | 310.2 | 312.7 | 0.7 | 20.6 | 999.9 | 999.9 |
| 11.0 | 44.0 | 3981.9 | 625.0 | -3.5 | -24.3 | 999.9 | 99.9 | 99.9 | 99.9 | 312.8 | 312.8 | 0.5 | 20.6 | 999.9 | 999.9 |
| 11.9 | 46.7 | 4303.7 | 600.0 | -5.5 | -27.0 | 999.9 | 99.9 | 99.9 | 99.9 | 314.8 | 312.8 | 0.5 | 20.6 | 999.9 | 999.9 |
| 12.8 | 49.6 | 4635.7 | 575.0 | -8.4 | -29.2 | 999.9 | 99.9 | 99.9 | 99.9 | 316.8 | 312.8 | 0.5 | 20.6 | 999.9 | 999.9 |
| 13.6 | 52.4 | 4978.8 | 550.0 | -11.2 | -31.6 | 999.9 | 99.9 | 99.9 | 99.9 | 318.7 | 312.8 | 0.5 | 20.6 | 999.9 | 999.9 |
| 14.5 | 55.3 | 5334.3 | 525.0 | -13.6 | -33.3 | 999.9 | 99.9 | 99.9 | 99.9 | 320.5 | 312.8 | 0.5 | 20.6 | 999.9 | 999.9 |
| 15.5 | 58.3 | 5704.0 | 500.0 | -15.9 | -35.0 | 999.9 | 99.9 | 99.9 | 99.9 | 322.4 | 312.8 | 0.5 | 20.6 | 999.9 | 999.9 |
| 16.6 | 61.4 | 6089.0 | 475.0 | -18.0 | -37.0 | 999.9 | 99.9 | 99.9 | 99.9 | 324.2 | 312.8 | 0.5 | 20.6 | 999.9 | 999.9 |
| 17.5 | 64.5 | 6491.0 | 450.0 | -21.1 | -39.4 | 999.9 | 99.9 | 99.9 | 99.9 | 326.1 | 312.8 | 0.5 | 20.6 | 999.9 | 999.9 |
| 18.6 | 67.9 | 6910.1 | 425.0 | -24.6 | -42.7 | 999.9 | 99.9 | 99.9 | 99.9 | 328.0 | 312.8 | 0.5 | 20.6 | 999.9 | 999.9 |
| 19.4 | 71.1 | 7348.0 | 400.0 | -28.4 | -46.5 | 999.9 | 99.9 | 99.9 | 99.9 | 329.9 | 312.8 | 0.5 | 20.6 | 999.9 | 999.9 |
| 20.5 | 74.6 | 7807.7 | 375.0 | -31.5 | -50.9 | 999.9 | 99.9 | 99.9 | 99.9 | 331.8 | 312.8 | 0.5 | 20.6 | 999.9 | 999.9 |
| 21.8 | 78.1 | 8292.0 | 350.0 | -35.8 | -55.5 | 999.9 | 99.9 | 99.9 | 99.9 | 333.7 | 312.8 | 0.5 | 20.6 | 999.9 | 999.9 |
| 22.8 | 81.8 | 8802.4 | 325.0 | -40.1 | -60.9 | 999.9 | 99.9 | 99.9 | 99.9 | 335.6 | 312.8 | 0.5 | 20.6 | 999.9 | 999.9 |
| 23.8 | 85.7 | 9346.2 | 300.0 | -42.2 | -65.9 | 999.9 | 99.9 | 99.9 | 99.9 | 337.5 | 312.8 | 0.5 | 20.6 | 999.9 | 999.9 |
| 25.0 | 89.7 | 9929.4 | 275.0 | -46.5 | -70.9 | 999.9 | 99.9 | 99.9 | 99.9 | 339.4 | 312.8 | 0.5 | 20.6 | 999.9 | 999.9 |
| 26.3 | 94.0 | 10555.8 | 250.0 | -50.4 | -75.9 | 999.9 | 99.9 | 99.9 | 99.9 | 341.3 | 312.8 | 0.5 | 20.6 | 999.9 | 999.9 |
| 27.9 | 98.6 | 11237.3 | 225.0 | -54.4 | -80.9 | 999.9 | 99.9 | 99.9 | 99.9 | 343.2 | 312.8 | 0.5 | 20.6 | 999.9 | 999.9 |
| 29.6 | 103.4 | 11985.8 | 200.0 | -57.3 | -85.9 | 999.9 | 99.9 | 99.9 | 99.9 | 345.1 | 312.8 | 0.5 | 20.6 | 999.9 | 999.9 |
| 31.4 | 108.8 | 12793.0 | 175.0 | -59.8 | -90.9 | 999.9 | 99.9 | 99.9 | 99.9 | 347.0 | 312.8 | 0.5 | 20.6 | 999.9 | 999.9 |
| 34.1 | 114.5 | 13793.0 | 150.0 | -59.9 | -95.9 | 999.9 | 99.9 | 99.9 | 99.9 | 348.9 | 312.8 | 0.5 | 20.6 | 999.9 | 999.9 |
| 37.1 | 121.0 | 14941.9 | 125.0 | -59.7 | -100.9 | 999.9 | 99.9 | 99.9 | 99.9 | 350.8 | 312.8 | 0.5 | 20.6 | 999.9 | 999.9 |
| 41.3 | 128.3 | 16331.2 | 100.0 | -61.5 | -105.9 | 999.9 | 99.9 | 99.9 | 99.9 | 352.7 | 312.8 | 0.5 | 20.6 | 999.9 | 999.9 |
| 46.3 | 137.0 | 18084.7 | 75.0 | -66.9 | -110.9 | 999.9 | 99.9 | 99.9 | 99.9 | 354.6 | 312.8 | 0.5 | 20.6 | 999.9 | 999.9 |
| 50.9 | 99.9 | 99.9 | 50.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 356.5 | 312.8 | 0.5 | 20.6 | 999.9 | 999.9 |
| 59.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 358.4 | 312.8 | 0.5 | 20.6 | 999.9 | 999.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 ** BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 *** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
 **** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE
OF POOR QUALITY

STATION NO. 101
FT. SILL, OKLAHOMA
24 APRIL 1982
1210 GMT

| TIME MIN | CNCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|---------------|-----------------|-----------|-------------|----------|
| 0.0 | 7.9 | 360.0 | 975.2 | 8.7 | 4.7 | 160.0 | 4.6 | -1.6 | 4.3 | 283.9 | 288.2 | 5.5 | 76.0 | 0.0 | 0 |
| 99.9 | 99.9 | 89.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999 |
| 0.0 | 7.9 | 361.7 | 975.0 | 8.7 | 4.8 | 165.5 | 6.1 | -1.5 | 5.9 | 283.9 | 298.3 | 5.5 | 76.3 | 0.0 | 356 |
| 0.7 | 10.3 | 577.4 | 950.0 | 9.6 | 6.3 | 193.4 | 13.3 | 3.1 | 13.0 | 286.9 | 308.3 | 6.3 | 79.8 | 0.4 | 350 |
| 1.5 | 12.5 | 799.0 | 925.0 | 9.1 | 5.9 | 197.8 | 13.3 | 4.1 | 12.7 | 288.6 | 305.2 | 6.3 | 80.5 | 1.0 | 6 |
| 2.4 | 15.0 | 1025.6 | 900.0 | 7.5 | 4.3 | 202.3 | 12.1 | 4.6 | 11.2 | 289.3 | 304.6 | 5.8 | 79.9 | 1.7 | 12 |
| 3.3 | 17.2 | 1257.7 | 875.0 | 6.2 | 4.2 | 207.3 | 9.9 | 4.6 | 8.8 | 290.2 | 305.9 | 5.9 | 86.8 | 2.2 | 15 |
| 4.2 | 19.8 | 1495.2 | 850.0 | 4.7 | 4.2 | 216.2 | 8.6 | 5.1 | 7.0 | 291.1 | 307.3 | 5.9 | 86.8 | 2.2 | 18 |
| 5.0 | 22.1 | 1738.4 | 825.0 | 3.9 | 3.9 | 229.7 | 9.0 | 6.8 | 5.9 | 292.8 | 308.7 | 5.9 | 86.4 | 3.1 | 21 |
| 5.9 | 24.8 | 1989.3 | 800.0 | 4.5 | 3.9 | 229.7 | 9.0 | 6.8 | 5.9 | 292.8 | 308.7 | 5.9 | 86.4 | 3.1 | 21 |
| 6.9 | 27.1 | 2248.1 | 775.0 | 3.5 | 1.6 | 215.3 | 13.5 | 7.8 | 8.5 | 295.9 | 312.2 | 5.6 | 87.5 | 3.6 | 26 |
| 7.9 | 29.9 | 2513.9 | 750.0 | 2.7 | -3.6 | 212.5 | 9.9 | 5.3 | 8.4 | 299.5 | 310.6 | 3.9 | 86.3 | 4.4 | 29 |
| 8.9 | 32.7 | 2788.4 | 725.0 | 2.3 | -3.3 | 224.1 | 8.6 | 6.0 | 6.2 | 302.0 | 314.8 | 4.1 | 86.3 | 5.1 | 30 |
| 9.8 | 35.4 | 3071.1 | 700.0 | -0.1 | -3.1 | 234.0 | 10.8 | 8.8 | 6.4 | 302.4 | 314.8 | 4.4 | 80.2 | 5.6 | 32 |
| 10.7 | 38.0 | 3361.4 | 675.0 | -2.1 | -3.9 | 243.2 | 10.5 | 9.4 | 4.7 | 303.3 | 315.5 | 4.2 | 87.2 | 6.1 | 34 |
| 11.7 | 40.8 | 3660.5 | 650.0 | -4.3 | -5.7 | 248.4 | 10.4 | 9.6 | 3.8 | 304.1 | 315.3 | 3.9 | 90.0 | 6.6 | 37 |
| 12.7 | 43.8 | 3969.0 | 625.0 | -5.4 | -10.0 | 250.6 | 10.9 | 10.3 | 3.5 | 305.2 | 313.6 | 2.9 | 75.3 | 7.7 | 39 |
| 13.8 | 46.9 | 4287.3 | 600.0 | -8.1 | -13.9 | 251.2 | 12.4 | 11.7 | 4.0 | 306.8 | 312.8 | 2.2 | 62.7 | 8.3 | 42 |
| 14.8 | 50.0 | 4616.3 | 575.0 | -10.8 | -16.9 | 248.2 | 12.8 | 11.9 | 4.8 | 307.4 | 312.8 | 1.8 | 60.3 | 9.1 | 44 |
| 15.9 | 53.0 | 4956.7 | 550.0 | -13.6 | -21.4 | 245.7 | 12.8 | 11.7 | 5.3 | 308.0 | 311.9 | 1.3 | 51.5 | 9.8 | 46 |
| 17.1 | 56.0 | 5308.7 | 525.0 | -16.1 | -22.6 | 239.2 | 13.6 | 11.7 | 7.0 | 309.1 | 312.8 | 1.2 | 57.0 | 10.7 | 48 |
| 18.4 | 59.4 | 5675.2 | 500.0 | -18.0 | -23.2 | 228.9 | 15.3 | 11.5 | 10.0 | 311.1 | 314.9 | 1.2 | 63.2 | 11.8 | 48 |
| 19.6 | 62.9 | 6056.8 | 475.0 | -20.6 | -24.9 | 226.0 | 17.2 | 12.4 | 11.9 | 312.5 | 316.4 | 1.2 | 77.8 | 13.1 | 48 |
| 20.9 | 66.3 | 6454.8 | 450.0 | -23.4 | -24.9 | 221.7 | 19.6 | 13.0 | 14.6 | 313.9 | 317.5 | 1.1 | 87.4 | 14.5 | 48 |
| 22.2 | 70.1 | 6871.4 | 425.0 | -26.1 | -31.6 | 216.1 | 22.7 | 13.4 | 18.3 | 315.5 | 317.5 | 0.6 | 60.0 | 16.1 | 47 |
| 23.6 | 73.8 | 7307.0 | 400.0 | -29.8 | -37.5 | 211.5 | 23.6 | 12.3 | 20.1 | 316.3 | 317.5 | 0.4 | 46.6 | 18.0 | 45 |
| 25.0 | 77.8 | 7763.7 | 375.0 | -33.1 | -44.9 | 212.2 | 23.7 | 12.6 | 20.1 | 317.9 | 318.5 | 0.2 | 29.2 | 20.0 | 44 |
| 26.6 | 81.8 | 8245.2 | 350.0 | -37.1 | -47.6 | 213.3 | 24.1 | 13.2 | 20.1 | 318.7 | 319.3 | 0.1 | 32.2 | 22.1 | 43 |
| 28.2 | 86.0 | 8753.5 | 325.0 | -40.8 | -49.9 | 211.6 | 26.7 | 14.0 | 22.7 | 320.4 | 322.2 | 99.9 | 99.9 | 24.6 | 42 |
| 29.9 | 90.6 | 9252.7 | 300.0 | -45.6 | -49.9 | 211.6 | 26.7 | 14.0 | 19.5 | 321.1 | 322.2 | 99.9 | 99.9 | 27.0 | 41 |
| 31.7 | 95.3 | 9868.1 | 275.0 | -49.4 | -49.9 | 220.1 | 22.9 | 13.5 | 16.1 | 321.7 | 322.2 | 99.9 | 99.9 | 29.4 | 40 |
| 33.6 | 100.2 | 10487.1 | 250.0 | -53.1 | -49.9 | 228.4 | 21.0 | 14.9 | 13.3 | 323.6 | 323.6 | 99.9 | 99.9 | 31.7 | 41 |
| 35.5 | 105.5 | 11160.8 | 225.0 | -55.4 | -49.9 | 230.0 | 20.5 | 15.7 | 13.2 | 333.6 | 323.6 | 99.9 | 99.9 | 34.0 | 41 |
| 37.6 | 111.3 | 11909.3 | 200.0 | -57.2 | -49.9 | 239.3 | 21.9 | 18.8 | 11.2 | 342.1 | 323.6 | 99.9 | 99.9 | 36.5 | 42 |
| 40.0 | 117.2 | 12752.2 | 175.0 | -56.2 | -49.9 | 243.2 | 24.0 | 21.4 | 10.8 | 357.1 | 323.6 | 99.9 | 99.9 | 39.6 | 44 |
| 42.5 | 124.0 | 13734.1 | 150.0 | -55.5 | -49.9 | 249.9 | 25.4 | 23.5 | 8.7 | 374.5 | 323.6 | 99.9 | 99.9 | 42.8 | 46 |
| 45.6 | 131.0 | 14894.5 | 125.0 | -57.0 | -49.9 | 254.7 | 27.4 | 23.5 | 6.4 | 391.8 | 323.6 | 99.9 | 99.9 | 47.4 | 48 |
| 49.3 | 138.3 | 16298.9 | 100.0 | -60.1 | -49.9 | 259.9 | 30.3 | 14.0 | 2.5 | 411.6 | 323.6 | 99.9 | 99.9 | 51.2 | 51 |
| 53.8 | 145.5 | 18083.8 | 75.0 | -62.7 | -49.9 | 253.2 | 30.3 | 7.7 | 2.3 | 441.4 | 323.6 | 99.9 | 99.9 | 53.5 | 52 |
| 59.8 | 153.0 | 20589.6 | 50.0 | -58.7 | -49.9 | 317.6 | 4.1 | 2.7 | -3.0 | 505.2 | 323.6 | 99.9 | 99.9 | 54.4 | 53 |
| 99.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE 10
OF POOR QUALITY

STATION NO. 101
FT. SILL, OKLAHOMA
24 APRIL 1982
1430 GMT

| TIME MIN | ONTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 8.4 | 360.0 | 974.9 | 14.4 | 7.7 | 160.0 | 6.9 | -2.4 | 6.5 | 289.7 | 307.5 | 6.8 | 64.0 | 0.0 | 0. |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.5 | 10.6 | 577.5 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 1.0 | 12.9 | 799.8 | 950.0 | 11.5 | 8.0 | 184.6 | 9.2 | 0.7 | 9.2 | 288.8 | 305.2 | 6.2 | 69.2 | 0.3 | 354. |
| 1.5 | 15.3 | 1027.5 | 925.0 | 9.4 | 5.2 | 189.3 | 11.3 | 1.8 | 11.1 | 289.0 | 304.8 | 6.0 | 74.6 | 0.5 | 358. |
| 2.1 | 17.7 | 1260.3 | 875.0 | 7.2 | 3.4 | 194.6 | 12.7 | 3.2 | 12.3 | 290.8 | 305.5 | 5.5 | 78.8 | 1.4 | 12. |
| 2.6 | 20.2 | 1498.5 | 825.0 | 5.8 | 4.4 | 200.4 | 12.3 | 4.3 | 11.5 | 291.3 | 308.3 | 5.6 | 80.6 | 1.7 | 15. |
| 3.3 | 22.6 | 1743.9 | 825.0 | 7.3 | 6.9 | 203.6 | 10.8 | 4.3 | 9.9 | 292.2 | 316.3 | 6.2 | 97.3 | 2.1 | 15. |
| 3.9 | 25.2 | 1997.8 | 800.0 | 6.7 | 5.3 | 204.6 | 11.7 | 4.9 | 10.6 | 296.3 | 317.4 | 7.6 | 97.3 | 2.6 | 16. |
| 4.6 | 27.6 | 2258.7 | 775.0 | 5.5 | 3.9 | 205.1 | 13.7 | 5.8 | 12.4 | 298.3 | 317.8 | 7.0 | 91.1 | 3.2 | 18. |
| 5.4 | 30.3 | 2526.3 | 725.0 | 3.7 | 3.9 | 208.9 | 14.7 | 7.1 | 12.8 | 299.7 | 317.8 | 6.6 | 89.8 | 3.8 | 20. |
| 6.1 | 33.0 | 2801.0 | 725.0 | 1.9 | -2.6 | 216.2 | 13.2 | 7.8 | 10.6 | 300.6 | 316.2 | 5.6 | 83.4 | 4.3 | 23. |
| 6.8 | 35.7 | 3085.4 | 700.0 | 2.7 | -11.7 | 230.6 | 12.0 | 9.2 | 7.6 | 301.6 | 313.8 | 4.3 | 71.1 | 5.1 | 31. |
| 7.6 | 38.5 | 3378.3 | 675.0 | 0.1 | -12.7 | 248.3 | 11.3 | 10.5 | 4.2 | 305.5 | 312.2 | 2.2 | 33.4 | 5.5 | 35. |
| 8.3 | 41.2 | 3679.2 | 650.0 | -2.7 | -13.9 | 254.3 | 11.7 | 12.2 | 3.4 | 305.8 | 312.0 | 2.0 | 37.5 | 5.9 | 38. |
| 9.0 | 44.1 | 3988.6 | 625.0 | -5.6 | -16.5 | 256.4 | 12.2 | 11.9 | 2.9 | 308.1 | 311.2 | 1.7 | 41.4 | 6.4 | 42. |
| 9.8 | 47.1 | 4307.0 | 600.0 | -8.5 | -19.7 | 253.3 | 12.5 | 10.7 | 3.8 | 308.2 | 310.4 | 1.3 | 40.0 | 6.9 | 44. |
| 10.6 | 50.1 | 4635.6 | 575.0 | -11.1 | -24.3 | 248.4 | 11.5 | 12.0 | 4.2 | 307.0 | 309.9 | 0.9 | 38.5 | 7.4 | 45. |
| 11.4 | 53.1 | 4975.4 | 550.0 | -13.7 | -24.8 | 237.6 | 13.9 | 11.7 | 7.4 | 307.8 | 310.8 | 0.8 | 38.5 | 8.1 | 46. |
| 12.1 | 56.1 | 5327.4 | 525.0 | -16.2 | -26.8 | 233.0 | 16.4 | 13.1 | 9.9 | 309.0 | 311.6 | 0.8 | 40.3 | 9.0 | 47. |
| 13.0 | 59.4 | 5692.9 | 500.0 | -19.1 | -28.2 | 227.4 | 18.8 | 13.7 | 12.6 | 309.8 | 314.6 | 0.8 | 40.3 | 9.9 | 47. |
| 13.8 | 62.9 | 6073.8 | 475.0 | -20.5 | -28.6 | 220.9 | 20.5 | 13.4 | 15.5 | 312.6 | 315.1 | 0.8 | 49.6 | 11.1 | 45. |
| 14.7 | 66.1 | 6472.4 | 450.0 | -22.8 | -27.5 | 216.0 | 24.0 | 14.1 | 19.4 | 314.6 | 317.5 | 0.9 | 65.2 | 12.5 | 44. |
| 15.6 | 69.7 | 6889.5 | 425.0 | -25.4 | -32.1 | 213.8 | 25.8 | 14.1 | 21.6 | 316.5 | 317.8 | 0.4 | 31.0 | 14.0 | 43. |
| 16.6 | 73.3 | 7327.2 | 400.0 | -28.0 | -42.1 | 213.8 | 25.2 | 14.0 | 20.9 | 318.6 | 319.4 | 0.2 | 24.4 | 15.4 | 42. |
| 17.5 | 77.2 | 7786.7 | 375.0 | -32.0 | -45.1 | 215.0 | 24.6 | 14.1 | 20.2 | 319.3 | 319.9 | 0.2 | 25.8 | 16.9 | 42. |
| 18.6 | 81.0 | 8269.6 | 350.0 | -36.4 | -47.7 | 216.5 | 22.7 | 14.1 | 19.1 | 319.7 | 320.2 | 0.1 | 29.7 | 18.5 | 41. |
| 19.8 | 85.3 | 8779.0 | 325.0 | -40.5 | -49.9 | 218.5 | 22.3 | 14.0 | 17.4 | 320.9 | 320.9 | 99.9 | 99.9 | 19.9 | 41. |
| 20.9 | 89.4 | 9321.2 | 300.0 | -43.8 | -52.4 | 219.0 | 22.0 | 12.8 | 17.8 | 323.7 | 323.7 | 99.9 | 99.9 | 21.4 | 41. |
| 22.0 | 94.0 | 9899.6 | 275.0 | -48.4 | -59.9 | 223.5 | 23.5 | 14.8 | 18.2 | 325.2 | 325.2 | 99.9 | 99.9 | 23.2 | 41. |
| 23.3 | 98.8 | 10521.6 | 250.0 | -52.4 | -62.4 | 226.4 | 22.2 | 16.0 | 15.3 | 328.2 | 328.2 | 99.9 | 99.9 | 25.0 | 41. |
| 24.7 | 103.8 | 11196.0 | 225.0 | -57.1 | -69.9 | 230.3 | 22.3 | 17.2 | 14.2 | 331.1 | 331.1 | 99.9 | 99.9 | 26.9 | 42. |
| 26.2 | 109.4 | 11943.3 | 200.0 | -56.1 | -74.9 | 238.3 | 20.0 | 18.5 | 11.0 | 334.0 | 334.0 | 99.9 | 99.9 | 28.9 | 43. |
| 27.9 | 115.2 | 12855.5 | 175.0 | -54.8 | -81.9 | 248.6 | 21.5 | 21.5 | 8.6 | 339.5 | 339.5 | 99.9 | 99.9 | 31.4 | 45. |
| 29.8 | 121.7 | 13781.8 | 150.0 | -54.6 | -89.9 | 251.7 | 23.5 | 23.5 | 7.8 | 346.0 | 346.0 | 99.9 | 99.9 | 35.5 | 48. |
| 32.8 | 129.0 | 14948.6 | 125.0 | -55.5 | -99.9 | 248.3 | 24.8 | 23.5 | 5.3 | 394.5 | 394.5 | 99.9 | 99.9 | 38.5 | 51. |
| 35.5 | 138.7 | 16351.5 | 100.0 | -58.8 | -99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 441.0 | 441.0 | 99.9 | 99.9 | 99.9 | 99.9 |
| 39.3 | 144.5 | 18142.2 | 75.0 | -62.9 | -99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 50.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 ** BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 *** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
 **** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY.

STATION NO. 101
FT. SILL, OKLAHOMA
24 APRIL 1982
1710 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 11.0 | 350.0 | 973.2 | 15.5 | 10.1 | 150.0 | 15.1 | -5.5 | 15.1 | 231.9 | 313.1 | 8.0 | 56.0 | 0.0 | 0 |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999 |
| 0.8 | 12.9 | 563.3 | 975.0 | 11.6 | 6.9 | 153.2 | 13.8 | -4.0 | 13.2 | 288.9 | 306.3 | 6.6 | 73.1 | 0.5 | 334 |
| 2.1 | 15.3 | 785.8 | 925.0 | 9.6 | 6.2 | 171.2 | 11.3 | -1.7 | 11.1 | 289.1 | 306.3 | 6.5 | 79.6 | 1.6 | 341 |
| 3.0 | 17.6 | 1013.2 | 900.0 | 8.6 | 4.7 | 179.7 | 11.9 | -0.1 | 11.9 | 290.4 | 306.3 | 6.0 | 76.6 | 2.2 | 349 |
| 3.9 | 20.0 | 1245.8 | 875.0 | 7.1 | 4.6 | 186.3 | 11.3 | 1.2 | 11.2 | 291.2 | 306.3 | 6.1 | 84.0 | 2.7 | 353 |
| 4.8 | 22.3 | 1484.7 | 850.0 | 6.9 | 6.1 | 196.8 | 11.2 | 3.2 | 10.7 | 293.4 | 313.1 | 7.4 | 100.5 | 3.3 | 353 |
| 5.9 | 24.8 | 1730.2 | 825.0 | 6.1 | 6.9 | 201.9 | 13.2 | 4.9 | 12.3 | 295.0 | 314.3 | 7.2 | 100.5 | 4.0 | 352 |
| 7.1 | 27.2 | 1992.7 | 800.0 | 5.3 | 5.3 | 207.3 | 15.3 | 7.1 | 13.5 | 296.8 | 315.8 | 7.0 | 91.7 | 4.9 | 3 |
| 8.1 | 29.6 | 2243.0 | 775.0 | 5.3 | 4.1 | 213.3 | 14.3 | 7.9 | 12.4 | 300.7 | 317.8 | 6.6 | 91.7 | 5.8 | 8 |
| 9.3 | 32.3 | 2510.5 | 750.0 | 3.8 | -4.4 | 211.8 | 14.6 | 7.7 | 12.4 | 300.7 | 317.8 | 6.6 | 91.7 | 5.8 | 8 |
| 10.5 | 34.9 | 2786.5 | 725.0 | 4.2 | -12.9 | 215.1 | 14.0 | 8.1 | 11.5 | 304.1 | 310.0 | 2.0 | 27.4 | 7.7 | 14 |
| 11.8 | 37.5 | 3070.6 | 700.0 | 1.5 | -11.8 | 216.7 | 13.3 | 8.0 | 10.7 | 310.8 | 310.8 | 2.2 | 36.4 | 8.7 | 17 |
| 13.0 | 40.1 | 3362.2 | 675.0 | -1.0 | -11.0 | 217.4 | 11.9 | 7.2 | 9.5 | 311.8 | 311.8 | 2.4 | 46.6 | 10.5 | 20 |
| 14.3 | 42.8 | 3662.2 | 650.0 | -3.4 | -10.3 | 214.1 | 12.9 | 7.2 | 10.7 | 305.1 | 312.1 | 2.2 | 58.6 | 11.2 | 21 |
| 15.5 | 45.6 | 3971.0 | 625.0 | -6.0 | -13.3 | 211.0 | 11.7 | 5.8 | 9.6 | 305.6 | 312.2 | 2.2 | 73.9 | 12.2 | 22 |
| 16.8 | 48.6 | 4289.1 | 600.0 | -8.9 | -12.7 | 215.1 | 11.7 | 6.7 | 9.6 | 305.8 | 313.0 | 2.1 | 73.1 | 13.4 | 23 |
| 18.4 | 51.6 | 4617.9 | 575.0 | -11.0 | -14.6 | 217.8 | 17.2 | 10.6 | 13.6 | 307.2 | 313.6 | 1.9 | 77.4 | 15.0 | 25 |
| 19.8 | 54.4 | 4958.1 | 550.0 | -13.5 | -16.6 | 220.1 | 20.4 | 13.1 | 15.6 | 308.1 | 313.9 | 1.5 | 77.4 | 17.0 | 27 |
| 21.4 | 57.3 | 5310.5 | 525.0 | -15.9 | -19.6 | 221.6 | 22.7 | 15.1 | 17.0 | 309.3 | 314.1 | 1.3 | 77.2 | 19.0 | 29 |
| 22.8 | 60.5 | 5676.1 | 500.0 | -19.2 | -22.1 | 221.9 | 24.5 | 16.4 | 18.3 | 309.7 | 314.1 | 1.1 | 69.8 | 21.0 | 31 |
| 24.3 | 63.8 | 6056.6 | 475.0 | -20.9 | -25.0 | 226.9 | 22.2 | 16.2 | 15.2 | 312.1 | 315.5 | 0.8 | 67.2 | 22.9 | 32 |
| 25.8 | 67.1 | 6454.0 | 450.0 | -23.6 | -28.0 | 223.9 | 22.5 | 15.6 | 16.2 | 313.6 | 316.4 | 0.6 | 58.7 | 25.0 | 32 |
| 27.3 | 70.4 | 6869.3 | 425.0 | -27.1 | -32.6 | 218.1 | 24.6 | 15.2 | 19.3 | 314.3 | 316.4 | 0.2 | 19.7 | 27.4 | 33 |
| 28.8 | 73.9 | 7303.6 | 400.0 | -29.7 | -45.6 | 214.5 | 29.0 | 16.5 | 23.9 | 316.4 | 318.7 | 0.1 | 14.0 | 30.6 | 33 |
| 30.5 | 77.7 | 7761.2 | 375.0 | -32.7 | -50.9 | 212.8 | 31.0 | 16.8 | 26.1 | 318.4 | 319.7 | 0.1 | 13.2 | 33.6 | 33 |
| 32.5 | 81.6 | 8243.4 | 350.0 | -36.6 | -54.7 | 209.9 | 28.4 | 15.2 | 24.0 | 319.5 | 319.7 | 99.9 | 99.9 | 37.5 | 33 |
| 34.4 | 85.3 | 8732.0 | 325.0 | -40.1 | -59.9 | 208.9 | 27.0 | 16.7 | 29.0 | 321.5 | 321.5 | 99.9 | 99.9 | 40.9 | 32 |
| 36.2 | 89.4 | 9235.5 | 300.0 | -43.2 | -66.6 | 212.1 | 27.0 | 14.4 | 28.9 | 324.5 | 324.5 | 99.9 | 99.9 | 44.7 | 32 |
| 38.4 | 94.0 | 9877.0 | 275.0 | -46.6 | -69.9 | 215.4 | 35.2 | 20.4 | 28.7 | 327.7 | 327.7 | 99.9 | 99.9 | 49.6 | 33 |
| 40.6 | 98.4 | 10505.2 | 250.0 | -49.6 | -69.9 | 221.2 | 34.3 | 22.6 | 25.8 | 328.3 | 328.3 | 99.9 | 99.9 | 53.8 | 34 |
| 42.9 | 103.2 | 11187.8 | 225.0 | -53.7 | -69.9 | 231.4 | 25.9 | 20.3 | 16.2 | 336.3 | 336.3 | 99.9 | 99.9 | 56.6 | 35 |
| 45.5 | 108.5 | 11944.4 | 200.0 | -53.5 | -69.9 | 234.3 | 15.9 | 12.9 | 9.3 | 348.1 | 348.1 | 99.9 | 99.9 | 59.2 | 36 |
| 48.3 | 114.0 | 12799.7 | 175.0 | -53.4 | -69.9 | 240.2 | 19.6 | 17.0 | 12.3 | 361.7 | 361.7 | 99.9 | 99.9 | 63.6 | 38 |
| 51.5 | 120.2 | 13792.8 | 150.0 | -53.9 | -69.9 | 242.3 | 26.6 | 23.5 | 9.7 | 377.2 | 377.2 | 99.9 | 99.9 | 68.1 | 41 |
| 55.2 | 127.0 | 14957.2 | 125.0 | -56.7 | -69.9 | 258.5 | 16.9 | 16.5 | 3.4 | 392.4 | 392.4 | 99.9 | 99.9 | 70.4 | 41 |
| 59.0 | 134.3 | 16366.5 | 100.0 | -58.0 | -69.9 | 257.0 | 14.1 | 13.7 | 3.2 | 415.7 | 415.7 | 99.9 | 99.9 | 72.8 | 43 |
| 63.8 | 142.0 | 18162.6 | 75.0 | -59.9 | -69.9 | 257.8 | 10.3 | 10.1 | 2.2 | 447.3 | 447.3 | 99.9 | 99.9 | 74.8 | 43 |
| 69.8 | 150.0 | 20681.8 | 50.0 | -59.9 | -69.9 | 99.9 | 99.9 | 99.9 | 99.9 | 502.3 | 502.3 | 99.9 | 99.9 | 99.9 | 999 |
| 95.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 ** BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 *** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
 **** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS OF POOR QUALITY

STATION NO. 101
FT. SILL, OKLAHOMA
24 APRIL 1982
2056 GMT

| TIME MIN | ONTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RIO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 8.6 | 360.0 | 970.2 | 14.5 | 5.3 | 150.0 | 5.1 | -2.6 | 4.4 | 290.2 | 305.5 | 5.8 | 54.0 | 0.0 | 0. |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.9 | 10.4 | 537.1 | 950.0 | 12.0 | 9.1 | 154.3 | 12.2 | -5.3 | 11.0 | 289.4 | 308.4 | 7.7 | 92.2 | 0.5 | 328 |
| 1.9 | 12.5 | 759.6 | 925.0 | 9.4 | 8.2 | 162.2 | 10.7 | -3.3 | 10.2 | 289.0 | 308.3 | 7.4 | 92.2 | 1.1 | 334 |
| 2.8 | 14.7 | 986.6 | 900.0 | 7.6 | 6.5 | 177.9 | 10.8 | -0.4 | 10.8 | 289.3 | 307.1 | 6.8 | 92.3 | 1.7 | 339 |
| 3.8 | 16.8 | 1218.8 | 875.0 | 7.1 | 6.1 | 188.5 | 11.1 | 1.6 | 11.0 | 291.2 | 310.3 | 6.8 | 93.0 | 2.3 | 347 |
| 4.8 | 19.1 | 1457.4 | 850.0 | 6.4 | 5.2 | 185.5 | 12.5 | 1.2 | 12.5 | 292.8 | 310.3 | 6.5 | 91.9 | 3.0 | 351 |
| 5.8 | 21.3 | 1702.8 | 825.0 | 6.0 | 2.0 | 187.6 | 11.9 | 1.6 | 11.8 | 294.9 | 307.5 | 5.4 | 75.8 | 3.7 | 354 |
| 6.9 | 23.7 | 1955.3 | 800.0 | 7.0 | -5.7 | 212.2 | 11.6 | 6.2 | 9.8 | 298.6 | 307.5 | 3.1 | 39.9 | 4.4 | 358 |
| 7.7 | 25.9 | 2215.6 | 775.0 | 5.2 | -4.9 | 220.6 | 12.2 | 8.0 | 9.3 | 299.5 | 309.3 | 3.4 | 47.9 | 4.8 | 2 |
| 8.9 | 28.5 | 2482.7 | 750.0 | 3.0 | -5.1 | 221.4 | 13.9 | 9.2 | 10.5 | 299.9 | 309.3 | 3.5 | 55.3 | 5.5 | 9 |
| 9.9 | 31.0 | 2756.8 | 725.0 | 2.4 | -6.9 | 211.7 | 17.2 | 9.0 | 14.7 | 302.1 | 311.3 | 3.1 | 50.1 | 6.4 | 12 |
| 11.0 | 33.7 | 3039.9 | 700.0 | 0.1 | -7.8 | 211.3 | 18.0 | 9.4 | 15.4 | 302.6 | 311.3 | 3.0 | 55.1 | 7.5 | 15 |
| 11.9 | 36.0 | 3329.9 | 675.0 | -2.0 | -13.7 | 212.7 | 19.1 | 10.3 | 16.1 | 303.5 | 308.0 | 1.5 | 40.1 | 8.5 | 17 |
| 13.0 | 38.8 | 3628.4 | 650.0 | -4.9 | -17.6 | 216.1 | 18.5 | 10.9 | 15.0 | 303.5 | 308.0 | 0.7 | 36.1 | 9.6 | 19 |
| 14.0 | 41.3 | 3935.3 | 625.0 | -7.2 | -27.0 | 219.4 | 21.0 | 13.3 | 16.2 | 304.3 | 306.7 | 0.4 | 16.7 | 10.8 | 21 |
| 15.0 | 44.1 | 4251.8 | 600.0 | -9.4 | -32.2 | 226.7 | 22.3 | 15.2 | 15.3 | 305.3 | 306.7 | 0.4 | 15.1 | 12.1 | 24 |
| 16.2 | 47.0 | 4578.8 | 575.0 | -12.4 | -32.9 | 232.9 | 22.4 | 17.9 | 13.5 | 305.5 | 306.7 | 0.4 | 15.1 | 13.5 | 27 |
| 17.4 | 50.9 | 4916.9 | 550.0 | -14.9 | -35.8 | 235.2 | 23.6 | 19.4 | 13.5 | 306.4 | 307.5 | 0.3 | 14.9 | 14.9 | 29 |
| 18.6 | 52.9 | 5267.4 | 525.0 | -17.4 | -37.3 | 238.3 | 25.2 | 21.5 | 13.2 | 307.5 | 308.5 | 0.2 | 14.9 | 16.5 | 32 |
| 19.8 | 55.8 | 5631.2 | 500.0 | -20.2 | -40.6 | 238.1 | 26.2 | 22.2 | 13.8 | 307.5 | 308.5 | 0.2 | 14.9 | 18.2 | 35 |
| 21.1 | 59.0 | 6009.3 | 475.0 | -23.0 | -43.2 | 235.7 | 27.0 | 22.8 | 15.2 | 308.5 | 310.5 | 0.2 | 14.9 | 20.1 | 37 |
| 22.5 | 62.3 | 6402.7 | 450.0 | -26.5 | -47.0 | 237.9 | 28.9 | 22.8 | 14.3 | 309.9 | 310.5 | 0.2 | 17.8 | 22.2 | 39 |
| 23.9 | 65.6 | 6813.0 | 425.0 | -30.0 | -47.0 | 236.9 | 28.8 | 22.7 | 15.7 | 310.6 | 311.0 | 0.1 | 17.4 | 24.6 | 41 |
| 25.6 | 69.1 | 7241.1 | 400.0 | -33.9 | -48.6 | 234.4 | 27.9 | 22.7 | 16.2 | 310.9 | 311.3 | 0.1 | 21.0 | 27.1 | 42 |
| 27.0 | 72.6 | 7692.5 | 375.0 | -35.2 | -51.3 | 227.3 | 29.0 | 21.3 | 19.7 | 315.1 | 315.4 | 0.1 | 17.2 | 29.7 | 43 |
| 28.6 | 76.5 | 8171.6 | 350.0 | -38.4 | -52.3 | 226.6 | 29.7 | 21.6 | 20.4 | 319.6 | 318.9 | 0.1 | 17.4 | 32.4 | 43 |
| 30.3 | 80.5 | 8683.1 | 325.0 | -39.1 | -54.9 | 229.6 | 30.7 | 23.1 | 20.3 | 322.8 | 323.0 | 0.1 | 16.7 | 35.6 | 44 |
| 32.1 | 84.7 | 9227.6 | 300.0 | -42.7 | -59.9 | 229.6 | 32.7 | 24.9 | 21.2 | 325.2 | 323.0 | 99.9 | 99.9 | 38.8 | 44 |
| 34.0 | 89.0 | 9809.4 | 275.0 | -46.7 | -66.9 | 234.7 | 32.7 | 25.1 | 16.9 | 327.6 | 323.0 | 99.9 | 99.9 | 42.6 | 45 |
| 36.0 | 93.7 | 10438.8 | 250.0 | -49.9 | -69.9 | 236.0 | 30.2 | 25.3 | 19.1 | 332.0 | 323.0 | 99.9 | 99.9 | 45.6 | 46 |
| 37.9 | 98.6 | 11124.3 | 225.0 | -52.2 | -72.6 | 233.0 | 31.7 | 19.3 | 14.9 | 338.5 | 323.0 | 99.9 | 99.9 | 49.5 | 46 |
| 39.9 | 103.8 | 11885.0 | 200.0 | -53.2 | -72.6 | 232.3 | 24.4 | 19.3 | 10.4 | 348.5 | 323.0 | 99.9 | 99.9 | 52.7 | 47 |
| 42.4 | 109.8 | 12744.4 | 175.0 | -52.7 | -69.9 | 243.1 | 23.1 | 20.6 | 10.0 | 362.9 | 323.0 | 99.9 | 99.9 | 55.8 | 47 |
| 44.9 | 115.8 | 13746.4 | 150.0 | -51.6 | -66.9 | 241.0 | 20.6 | 18.0 | 10.0 | 381.2 | 323.0 | 99.9 | 99.9 | 59.6 | 48 |
| 47.9 | 123.0 | 14917.5 | 125.0 | -55.5 | -66.9 | 254.2 | 20.2 | 18.5 | 5.5 | 394.5 | 323.0 | 99.9 | 99.9 | 62.8 | 49 |
| 51.4 | 130.5 | 16328.5 | 100.0 | -58.6 | -66.9 | 246.4 | 18.0 | 16.5 | 7.2 | 414.6 | 323.0 | 99.9 | 99.9 | 66.6 | 50 |
| 53.8 | 138.7 | 18125.1 | 75.0 | -59.8 | -66.9 | 263.8 | 8.4 | 8.3 | 0.9 | 447.5 | 323.0 | 99.9 | 99.9 | 69.2 | 51 |
| 59.9 | 99.9 | 99.9 | 50.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
 ** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

STATION NO. 101
FT. SILL, OKLAHOMA
24 APRIL 1982
2316 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 9.5 | 360.0 | 968.9 | 13.5 | 10.3 | 150.0 | 5.1 | -2.6 | 4.4 | 289.3 | 310.5 | 8.2 | 81.0 | 0.0 | 0 |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999 |
| 0.5 | 11.1 | 525.1 | 950.0 | 11.7 | 9.9 | 146.5 | 11.8 | -6.5 | 9.8 | 289.1 | 310.2 | 8.1 | 88.6 | 0.0 | 317 |
| 1.4 | 13.3 | 747.9 | 925.0 | 9.6 | 8.9 | 154.4 | 10.1 | -4.4 | 9.1 | 288.1 | 309.7 | 7.6 | 95.7 | 0.0 | 324 |
| 2.3 | 15.5 | 975.5 | 900.0 | 8.7 | 8.1 | 173.6 | 10.7 | -1.2 | 10.6 | 290.5 | 310.4 | 7.6 | 95.9 | 1.4 | 331 |
| 3.0 | 17.7 | 1208.4 | 875.0 | 7.3 | 6.6 | 188.6 | 12.5 | 1.9 | 12.4 | 291.4 | 310.0 | 7.0 | 95.7 | 1.9 | 340 |
| 4.0 | 20.1 | 1446.9 | 850.0 | 6.1 | 5.4 | 198.2 | 13.9 | 4.3 | 13.2 | 292.5 | 308.0 | 5.8 | 82.8 | 2.5 | 350 |
| 4.9 | 22.3 | 1692.7 | 825.0 | 8.8 | -4.1 | 201.8 | 14.3 | 5.3 | 13.3 | 298.0 | 307.7 | 3.4 | 39.8 | 2.5 | 356 |
| 5.9 | 24.8 | 1946.8 | 800.0 | 7.4 | -10.3 | 216.2 | 14.6 | 8.6 | 11.8 | 299.1 | 305.5 | 2.2 | 27.1 | 4.0 | 2 |
| 6.9 | 27.2 | 2207.7 | 775.0 | 7.0 | -25.7 | 224.0 | 15.2 | 11.2 | 11.7 | 301.9 | 304.0 | 0.6 | 7.5 | 5.5 | 10 |
| 7.9 | 29.8 | 2475.8 | 750.0 | 4.9 | -25.4 | 221.9 | 15.7 | 10.5 | 11.7 | 301.9 | 304.0 | 0.6 | 8.9 | 5.5 | 15 |
| 8.8 | 32.4 | 2751.0 | 725.0 | 2.6 | -26.5 | 219.4 | 16.0 | 10.2 | 12.3 | 302.4 | 304.3 | 0.6 | 9.4 | 6.4 | 18 |
| 9.8 | 35.1 | 3033.3 | 700.0 | 0.3 | -25.7 | 223.3 | 15.9 | 10.9 | 11.6 | 302.8 | 305.0 | 0.7 | 12.0 | 7.3 | 21 |
| 10.9 | 37.7 | 3323.2 | 675.0 | -2.5 | -26.3 | 223.8 | 16.8 | 11.6 | 12.1 | 302.9 | 305.0 | 0.7 | 13.9 | 8.2 | 24 |
| 11.9 | 40.4 | 3621.4 | 650.0 | -4.5 | -26.6 | 224.8 | 17.0 | 12.0 | 12.0 | 303.9 | 305.0 | 0.5 | 11.9 | 9.2 | 26 |
| 13.0 | 43.2 | 3928.9 | 625.0 | -6.6 | -34.9 | 227.5 | 17.5 | 12.9 | 11.8 | 304.9 | 305.0 | 0.5 | 14.5 | 10.2 | 28 |
| 14.1 | 46.2 | 4246.3 | 600.0 | -9.2 | -31.3 | 235.0 | 18.4 | 15.0 | 10.5 | 305.5 | 307.1 | 0.5 | 15.0 | 11.4 | 31 |
| 15.3 | 49.3 | 4573.9 | 575.0 | -11.6 | -33.0 | 246.0 | 18.4 | 16.8 | 7.5 | 306.4 | 307.8 | 0.4 | 23.9 | 12.5 | 34 |
| 16.5 | 52.3 | 4913.0 | 550.0 | -14.0 | -34.3 | 243.1 | 19.1 | 19.1 | 8.2 | 307.5 | 309.3 | 0.6 | 20.2 | 13.7 | 37 |
| 17.7 | 55.4 | 5264.2 | 525.0 | -16.8 | -38.2 | 240.7 | 22.4 | 19.9 | 10.1 | 308.3 | 309.6 | 0.4 | 17.1 | 15.1 | 40 |
| 19.0 | 58.6 | 5628.9 | 500.0 | -19.5 | -36.7 | 245.8 | 20.7 | 20.7 | 11.6 | 309.3 | 310.2 | 0.3 | 25.6 | 16.8 | 42 |
| 20.4 | 62.0 | 6007.6 | 475.0 | -22.8 | -42.7 | 252.3 | 24.0 | 23.8 | 9.8 | 309.7 | 310.9 | 0.3 | 25.6 | 18.7 | 44 |
| 21.7 | 65.5 | 6401.7 | 450.0 | -25.9 | -46.8 | 257.1 | 25.0 | 23.8 | 7.6 | 310.7 | 311.4 | 0.2 | 18.8 | 20.4 | 47 |
| 23.2 | 69.0 | 6812.5 | 425.0 | -29.5 | -49.2 | 258.6 | 25.0 | 24.4 | 5.6 | 311.3 | 311.7 | 0.1 | 18.8 | 22.4 | 49 |
| 24.9 | 72.7 | 7241.6 | 400.0 | -33.6 | -51.8 | 255.0 | 24.6 | 24.1 | 4.8 | 311.4 | 311.7 | 0.1 | 20.6 | 24.6 | 52 |
| 26.5 | 76.7 | 7690.9 | 375.0 | -37.5 | -51.8 | 253.3 | 27.0 | 27.1 | 7.3 | 312.0 | 312.3 | 0.1 | 20.6 | 27.0 | 54 |
| 28.3 | 80.9 | 8162.7 | 350.0 | -41.9 | 99.9 | 251.4 | 29.5 | 27.9 | 7.8 | 312.3 | 312.3 | 99.9 | 99.9 | 29.7 | 56 |
| 30.1 | 85.2 | 8665.3 | 325.0 | -40.8 | 99.9 | 251.4 | 29.5 | 31.8 | 9.4 | 320.5 | 312.3 | 99.9 | 99.9 | 32.5 | 58 |
| 31.9 | 89.5 | 9208.2 | 300.0 | -43.0 | 99.9 | 250.6 | 33.7 | 31.8 | 11.2 | 324.8 | 312.3 | 99.9 | 99.9 | 35.9 | 59 |
| 34.1 | 94.4 | 9791.6 | 275.0 | -45.8 | 99.9 | 250.6 | 31.2 | 29.5 | 10.3 | 328.9 | 312.3 | 99.9 | 99.9 | 40.2 | 60 |
| 36.1 | 99.4 | 10423.9 | 250.0 | -48.3 | 99.9 | 243.2 | 23.6 | 22.0 | 11.1 | 334.3 | 312.3 | 99.9 | 99.9 | 45.6 | 61 |
| 38.2 | 104.6 | 11112.9 | 225.0 | -51.3 | 99.9 | 240.7 | 25.2 | 22.0 | 12.3 | 339.9 | 312.3 | 99.9 | 99.9 | 50.3 | 61 |
| 40.7 | 110.5 | 11874.4 | 200.0 | -53.5 | 99.9 | 241.1 | 25.2 | 22.6 | 11.9 | 348.1 | 312.3 | 99.9 | 99.9 | 54.3 | 61 |
| 43.4 | 116.5 | 12737.1 | 175.0 | -52.7 | 99.9 | 241.0 | 25.8 | 22.5 | 12.5 | 362.9 | 312.3 | 99.9 | 99.9 | 58.4 | 61 |
| 46.2 | 123.5 | 13726.8 | 150.0 | -55.8 | 99.9 | 248.5 | 23.2 | 21.6 | 8.5 | 373.9 | 312.3 | 99.9 | 99.9 | 63.4 | 61 |
| 49.8 | 131.0 | 14894.0 | 125.0 | -55.7 | 99.9 | 256.8 | 21.4 | 20.9 | 4.9 | 394.2 | 312.3 | 99.9 | 99.9 | 67.7 | 62 |
| 54.0 | 138.7 | 16306.2 | 100.0 | -59.0 | 99.9 | 251.0 | 15.1 | 14.2 | 4.9 | 413.7 | 312.3 | 99.9 | 99.9 | 71.0 | 63 |
| 59.0 | 146.3 | 18091.1 | 75.0 | -62.1 | 99.9 | 266.8 | 7.3 | 7.3 | 0.4 | 442.8 | 312.3 | 99.9 | 99.9 | 77.1 | 64 |
| 66.2 | 155.0 | 20594.5 | 50.0 | -59.6 | 99.9 | 271.4 | 2.6 | 2.6 | 0.1 | 503.0 | 312.3 | 99.9 | 99.9 | 77.1 | 64 |
| 76.7 | 183.7 | 25012.8 | 25.0 | -53.1 | 99.9 | 185.5 | 1.3 | 0.1 | 1.3 | 632.4 | 312.3 | 99.9 | 99.9 | 77.1 | 64 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE
OF POOR QUALITY

ORIGINAL DATA OF
POOR QUALITY

| STATION NO. 101 FT. SILL, OKLAHOMA | | | | | | | | | | | | | | | | |
|---------------------------------------|-------|---------|--------|-------|--------|-------|-------|--------|--------|-------|---------|--------|------|-------|------|--|
| 25 APRIL 1982 535 GMT | | | | | | | | | | | | | | | | |
| TIME | CNTCT | HEIGHT | PRES | TEMP | DEW PT | DIR | SPEED | U COMP | V COMP | POT T | E POT T | MX RTO | RH | RANGE | AZ | |
| MIN | | GPM | MB | DG C | DG C | DG | M/SEC | M/SEC | M/SEC | DG K | DG K | GM/KG | PCT | NM | DG | |
| 0.0 | 8.9 | 360.0 | 967.0 | 12.9 | 10.8 | 150.0 | 6.2 | -3.1 | 5.4 | 288.8 | 310.7 | 8.5 | 87.0 | 0.0 | 0 | |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | |
| 0.5 | 10.2 | 508.3 | 975.0 | 10.6 | 9.2 | 163.7 | 13.7 | -3.8 | 13.1 | 288.0 | 308.0 | 7.7 | 91.0 | 0.5 | 335 | |
| 1.3 | 12.3 | 730.7 | 925.0 | 9.7 | 8.5 | 166.8 | 14.6 | -3.3 | 14.2 | 289.3 | 309.1 | 7.6 | 92.3 | 1.1 | 341 | |
| 2.2 | 14.5 | 958.4 | 900.0 | 8.8 | 7.7 | 173.9 | 17.4 | -1.8 | 17.3 | 290.6 | 309.9 | 7.4 | 92.9 | 1.9 | 345 | |
| 3.1 | 16.6 | 1191.8 | 875.0 | 8.2 | 7.2 | 185.0 | 20.8 | 1.8 | 20.6 | 292.4 | 311.7 | 7.3 | 93.1 | 3.0 | 350 | |
| 4.0 | 19.0 | 1431.0 | 850.0 | 7.5 | 5.6 | 198.4 | 21.0 | 6.6 | 20.0 | 293.1 | 311.1 | 6.7 | 93.0 | 4.1 | 356 | |
| 5.0 | 21.1 | 1677.4 | 825.0 | 6.6 | 4.1 | 207.8 | 19.2 | 8.9 | 17.5 | 298.8 | 312.9 | 5.0 | 55.1 | 5.2 | 3 | |
| 6.0 | 23.5 | 1932.6 | 800.0 | 6.0 | 3.2 | 209.4 | 20.1 | 9.9 | 17.5 | 299.7 | 313.3 | 4.8 | 57.5 | 6.2 | 7 | |
| 7.1 | 25.8 | 2193.9 | 775.0 | 6.2 | 2.3 | 210.3 | 21.8 | 11.0 | 18.8 | 300.5 | 313.7 | 5.1 | 66.0 | 7.5 | 11 | |
| 8.0 | 28.3 | 2461.9 | 750.0 | 4.0 | -0.3 | 220.2 | 20.8 | 13.4 | 15.9 | 300.9 | 314.0 | 5.0 | 73.2 | 8.6 | 14 | |
| 8.9 | 30.8 | 2736.7 | 725.0 | 1.7 | -0.3 | 225.4 | 22.6 | 16.1 | 15.2 | 301.4 | 314.8 | 4.5 | 75.1 | 9.7 | 18 | |
| 10.1 | 33.4 | 3018.8 | 700.0 | -0.5 | -5.1 | 237.5 | 21.7 | 18.3 | 11.6 | 301.9 | 312.8 | 3.8 | 71.5 | 10.9 | 22 | |
| 11.2 | 35.6 | 3308.8 | 675.0 | -2.3 | -8.4 | 245.4 | 23.2 | 21.1 | 9.7 | 303.1 | 311.9 | 3.0 | 68.5 | 12.1 | 27 | |
| 12.4 | 38.6 | 3607.4 | 650.0 | -4.5 | -9.4 | 251.6 | 21.6 | 19.6 | 9.1 | 303.8 | 312.3 | 2.9 | 63.4 | 13.3 | 31 | |
| 13.4 | 41.1 | 3915.3 | 625.0 | -6.5 | -10.4 | 258.8 | 19.8 | 18.1 | 10.2 | 305.1 | 312.4 | 2.8 | 58.4 | 14.5 | 34 | |
| 14.6 | 44.0 | 4233.0 | 600.0 | -9.3 | -13.0 | 268.8 | 17.7 | 16.9 | 10.2 | 305.4 | 312.4 | 2.3 | 53.4 | 15.8 | 36 | |
| 15.8 | 46.9 | 4561.1 | 575.0 | -11.5 | -16.3 | 275.0 | 21.5 | 17.7 | 12.2 | 306.4 | 312.0 | 1.9 | 48.4 | 17.0 | 38 | |
| 16.8 | 48.9 | 4900.1 | 550.0 | -13.8 | -18.3 | 283.0 | 20.1 | 16.9 | 11.0 | 307.7 | 311.6 | 1.2 | 43.4 | 18.3 | 39 | |
| 18.0 | 52.8 | 5232.5 | 525.0 | -15.8 | -21.5 | 285.2 | 20.6 | 16.6 | 9.5 | 309.4 | 310.2 | 0.2 | 37.7 | 19.5 | 40 | |
| 19.3 | 55.7 | 5568.1 | 500.0 | -18.9 | -23.6 | 289.1 | 18.1 | 13.7 | 11.8 | 310.0 | 310.2 | 0.1 | 31.8 | 20.9 | 41 | |
| 20.6 | 59.0 | 5997.0 | 475.0 | -22.8 | -25.2 | 293.0 | 15.7 | 12.2 | 10.2 | 309.7 | 310.2 | 0.1 | 26.8 | 22.2 | 42 | |
| 22.0 | 62.3 | 6391.3 | 450.0 | -25.7 | -34.9 | 293.0 | 16.9 | 13.5 | 10.2 | 310.9 | 312.4 | 0.4 | 21.8 | 23.5 | 43 | |
| 23.3 | 65.7 | 6802.9 | 425.0 | -29.3 | -32.2 | 297.8 | 14.9 | 12.6 | 7.9 | 311.5 | 313.5 | 0.8 | 16.8 | 24.9 | 44 | |
| 24.9 | 69.2 | 7233.8 | 400.0 | -32.1 | -34.7 | 243.1 | 16.1 | 14.5 | 6.9 | 313.3 | 315.0 | 0.5 | 11.8 | 26.0 | 45 | |
| 26.5 | 72.7 | 7685.9 | 375.0 | -36.0 | -43.7 | 243.1 | 21.0 | 18.7 | 9.5 | 313.3 | 314.6 | 0.2 | 6.8 | 27.7 | 46 | |
| 28.2 | 76.7 | 8160.5 | 350.0 | -40.4 | -48.9 | 248.8 | 21.6 | 19.5 | 9.7 | 314.3 | 309.9 | 99.9 | 99.9 | 29.9 | 46 | |
| 29.8 | 80.6 | 8661.0 | 325.0 | -44.8 | 99.9 | 250.8 | 19.9 | 17.6 | 7.0 | 314.3 | 309.9 | 99.9 | 99.9 | 31.7 | 46 | |
| 31.4 | 84.8 | 9190.9 | 300.0 | -49.0 | 99.9 | 250.8 | 15.2 | 14.3 | 5.0 | 316.3 | 309.9 | 99.9 | 99.9 | 33.4 | 49 | |
| 33.9 | 89.2 | 9762.5 | 275.0 | -46.9 | 99.9 | 239.3 | 24.2 | 20.8 | 12.4 | 327.3 | 309.9 | 99.9 | 99.9 | 35.7 | 50 | |
| 36.0 | 94.3 | 10388.2 | 250.0 | -50.1 | 99.9 | 247.9 | 27.1 | 25.1 | 10.2 | 331.6 | 309.9 | 99.9 | 99.9 | 39.3 | 51 | |
| 38.4 | 98.3 | 11078.5 | 225.0 | -50.2 | 99.9 | 249.4 | 20.3 | 19.0 | 7.1 | 341.7 | 309.9 | 99.9 | 99.9 | 42.6 | 52 | |
| 40.9 | 104.3 | 11841.2 | 200.0 | -53.2 | 95.9 | 249.7 | 18.1 | 17.0 | 6.3 | 348.5 | 309.9 | 99.9 | 99.9 | 45.0 | 53 | |
| 43.5 | 110.2 | 12697.3 | 175.0 | -55.6 | 99.9 | 251.3 | 22.6 | 21.4 | 8.0 | 358.2 | 309.9 | 99.9 | 99.9 | 48.2 | 54 | |
| 47.1 | 116.5 | 13881.8 | 150.0 | -54.2 | 99.9 | 249.4 | 22.6 | 21.1 | -2.1 | 376.8 | 309.9 | 99.9 | 99.9 | 52.7 | 55 | |
| 50.5 | 123.7 | 14850.8 | 125.0 | -53.8 | 99.9 | 278.1 | 14.6 | 14.4 | -2.3 | 397.5 | 309.9 | 99.9 | 99.9 | 57.1 | 56 | |
| 54.5 | 131.3 | 16261.2 | 100.0 | -61.2 | 99.9 | 252.6 | 7.8 | 7.4 | 5.2 | 409.5 | 309.9 | 99.9 | 99.9 | 60.4 | 58 | |
| 59.2 | 139.3 | 18040.7 | 75.0 | -62.9 | 99.9 | 220.4 | 6.8 | 4.4 | 99.9 | 441.0 | 309.9 | 99.9 | 99.9 | 66.9 | 59 | |
| 99.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
 ** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE 13
OF POOR QUALITY

STATION NO. 102
POST, TEXAS
23 APRIL 1982
1958 GMT

| TIME MIN | CNCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 13.2 | 772.0 | 935.1 | 12.3 | 4.8 | 190.0 | 0.5 | 0.5 | 3.1 | 291.0 | 305.4 | 5.8 | 60.0 | 0.0 | 0.0 |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.1 | 13.9 | 863.6 | 925.0 | 11.7 | 99.9 | 184.3 | 0.3 | 0.3 | 4.5 | 291.3 | 99.9 | 99.9 | 99.9 | 0.2 | 324 |
| 0.4 | 15.9 | 1091.3 | 900.0 | 10.3 | 99.9 | 175.2 | 0.3 | 0.3 | 6.8 | 292.1 | 999.9 | 99.9 | 99.9 | 0.4 | 347 |
| 1.0 | 18.6 | 1325.0 | 875.0 | 7.7 | 2.8 | 175.6 | 0.5 | 0.5 | 6.3 | 291.8 | 306.2 | 5.4 | 71.0 | 0.6 | 347 |
| 1.8 | 21.2 | 1563.1 | 850.0 | 5.0 | 2.3 | 180.4 | 0.5 | 0.5 | 5.6 | 291.4 | 306.1 | 5.5 | 84.8 | 0.9 | 351 |
| 2.6 | 23.8 | 1806.3 | 825.0 | 3.0 | 2.3 | 172.7 | 0.5 | 0.5 | 6.2 | 291.8 | 306.6 | 5.5 | 95.3 | 1.1 | 352 |
| 3.5 | 26.6 | 2055.2 | 800.0 | 1.3 | 0.8 | 165.2 | 0.5 | 0.5 | 8.5 | 292.6 | 306.4 | 5.1 | 96.4 | 1.5 | 352 |
| 4.3 | 28.3 | 2310.8 | 775.0 | 0.9 | -0.2 | 175.5 | 0.5 | 0.5 | 7.8 | 294.8 | 308.2 | 4.9 | 92.5 | 2.0 | 359 |
| 5.1 | 32.0 | 2575.8 | 750.0 | 0.8 | -2.2 | 212.9 | 0.5 | 0.5 | 7.2 | 299.7 | 312.0 | 4.4 | 69.5 | 2.3 | 354 |
| 6.1 | 34.9 | 2850.9 | 725.0 | 2.8 | -2.7 | 221.9 | 6.3 | 6.3 | 7.0 | 303.1 | 315.4 | 4.3 | 64.6 | 2.7 | 37 |
| 7.2 | 37.7 | 3136.0 | 700.0 | 3.3 | -8.6 | 234.1 | 6.3 | 6.3 | 5.3 | 306.3 | 314.9 | 2.9 | 41.0 | 3.2 | 10 |
| 8.4 | 40.6 | 3431.1 | 675.0 | 3.3 | -18.5 | 248.6 | 8.9 | 8.9 | 5.3 | 309.4 | 313.5 | 1.3 | 18.4 | 3.6 | 18 |
| 9.5 | 43.5 | 3736.0 | 650.0 | 1.4 | -19.9 | 230.1 | 5.7 | 5.7 | 4.7 | 310.5 | 314.4 | 1.2 | 18.7 | 4.0 | 24 |
| 10.6 | 46.5 | 4050.0 | 625.0 | -1.3 | -19.8 | 242.1 | 7.4 | 6.6 | 3.5 | 311.0 | 315.0 | 1.3 | 22.8 | 4.4 | 27 |
| 11.8 | 49.5 | 4373.7 | 600.0 | -4.2 | -14.9 | 247.2 | 8.2 | 7.5 | 3.2 | 311.2 | 317.4 | 2.0 | 43.0 | 4.9 | 32 |
| 13.0 | 52.6 | 4707.5 | 575.0 | -7.0 | -15.3 | 238.1 | 8.2 | 8.2 | 5.1 | 311.8 | 318.0 | 2.0 | 51.4 | 5.4 | 35 |
| 14.3 | 55.8 | 5052.6 | 550.0 | -9.7 | -17.8 | 227.7 | 9.6 | 8.6 | 8.7 | 312.6 | 317.9 | 1.7 | 51.5 | 6.2 | 37 |
| 15.8 | 59.0 | 5408.8 | 525.0 | -12.4 | -30.9 | 222.9 | 8.3 | 8.3 | 8.0 | 313.6 | 315.4 | 0.5 | 19.5 | 7.4 | 38 |
| 17.1 | 62.3 | 5782.3 | 500.0 | -15.8 | -37.8 | 217.1 | 6.2 | 6.2 | 8.2 | 317.3 | 318.3 | 0.3 | 10.2 | 8.3 | 39 |
| 18.8 | 65.6 | 6171.4 | 475.0 | -19.3 | -39.0 | 219.7 | 9.0 | 9.0 | 7.9 | 318.4 | 319.4 | 0.3 | 11.4 | 9.3 | 39 |
| 20.5 | 69.0 | 6576.2 | 450.0 | -22.3 | -41.6 | 228.9 | 10.2 | 10.2 | 8.8 | 320.5 | 319.8 | 0.2 | 11.7 | 10.5 | 39 |
| 22.2 | 72.6 | 6999.9 | 425.0 | -25.2 | -43.9 | 229.2 | 13.5 | 13.5 | 11.2 | 322.3 | 321.1 | 0.1 | 11.9 | 11.7 | 40 |
| 24.0 | 76.2 | 7441.7 | 400.0 | -28.6 | -46.1 | 230.2 | 16.1 | 16.1 | 11.7 | 322.8 | 322.9 | 0.3 | 12.0 | 13.4 | 41 |
| 25.8 | 80.0 | 7907.3 | 375.0 | -32.4 | -39.4 | 234.0 | 16.7 | 16.7 | 11.2 | 323.8 | 325.0 | 0.4 | 13.4 | 15.4 | 43 |
| 27.7 | 83.8 | 8398.0 | 350.0 | -36.1 | -38.0 | 236.1 | 20.1 | 20.1 | 12.9 | 325.1 | 326.5 | 0.4 | 15.7 | 17.7 | 44 |
| 29.8 | 87.8 | 8916.6 | 325.0 | -40.1 | -42.3 | 238.2 | 18.8 | 18.8 | 12.9 | 326.9 | 327.9 | 0.3 | 17.7 | 20.1 | 46 |
| 32.0 | 92.0 | 9467.6 | 300.0 | -44.1 | -49.9 | 237.8 | 23.7 | 23.7 | 12.9 | 328.9 | 327.9 | 0.3 | 19.9 | 22.7 | 47 |
| 33.8 | 96.3 | 10055.8 | 275.0 | -49.5 | -59.9 | 245.2 | 29.5 | 29.5 | 12.4 | 330.6 | 328.9 | 0.3 | 22.5 | 25.5 | 49 |
| 35.9 | 101.0 | 10685.9 | 250.0 | -52.5 | -59.9 | 249.6 | 32.1 | 32.1 | 11.9 | 332.5 | 328.9 | 0.3 | 25.5 | 28.5 | 52 |
| 38.6 | 105.7 | 11371.4 | 225.0 | -55.0 | -59.9 | 247.7 | 30.2 | 30.2 | 12.4 | 338.1 | 328.9 | 0.3 | 29.3 | 32.3 | 54 |
| 41.6 | 110.8 | 12128.2 | 200.0 | -57.9 | -59.9 | 249.5 | 28.4 | 28.4 | 10.6 | 345.8 | 328.9 | 0.3 | 34.6 | 36.6 | 56 |
| 44.8 | 116.0 | 12975.1 | 175.0 | -57.9 | -59.9 | 253.4 | 29.1 | 29.1 | 8.7 | 354.3 | 328.9 | 0.3 | 45.8 | 45.8 | 58 |
| 48.4 | 121.7 | 13945.9 | 150.0 | -58.8 | -59.9 | 256.0 | 27.3 | 27.3 | 6.3 | 371.5 | 328.9 | 0.3 | 51.9 | 51.9 | 60 |
| 52.8 | 128.0 | 15092.2 | 125.0 | -58.8 | -59.9 | 255.2 | 24.5 | 24.5 | 6.3 | 388.6 | 328.9 | 0.3 | 58.5 | 58.5 | 63 |
| 57.9 | 134.5 | 16495.7 | 100.0 | -58.9 | -59.9 | 250.8 | 21.7 | 21.7 | 7.2 | 414.0 | 328.9 | 0.3 | 65.4 | 65.4 | 64 |
| 64.3 | 141.7 | 18281.1 | 75.0 | -62.1 | -59.9 | 250.5 | 19.4 | 19.4 | 5.6 | 442.9 | 328.9 | 0.3 | 73.2 | 73.2 | 65 |
| 73.0 | 149.7 | 20773.1 | 50.0 | -61.9 | -59.9 | 253.8 | 19.1 | 19.1 | 5.6 | 497.7 | 328.9 | 0.3 | 83.3 | 83.3 | 65 |
| 99.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

STATION NO. 102
POST, TEXAS
24 APRIL 1982
1123 GMT

127 57. 0

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTG GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 12.8 | 772.0 | 926.4 | 8.9 | 7.5 | 150.0 | 2.1 | 0.4 | 2.1 | 288.3 | 306.7 | 7.1 | 91.0 | 0.0 | 0.0 |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 0.1 | 12.9 | 784.5 | 925.0 | 8.6 | 8.2 | 213.0 | 6.5 | 3.5 | 5.5 | 288.1 | 305.0 | 6.5 | 84.5 | 0.1 | 30.0 |
| 0.8 | 15.2 | 1011.2 | 900.0 | 7.4 | 5.9 | 227.3 | 9.7 | 7.2 | 6.6 | 289.1 | 306.2 | 6.5 | 90.3 | 0.4 | 50.0 |
| 1.5 | 17.5 | 1242.8 | 875.0 | 5.4 | 4.7 | 230.6 | 9.5 | 8.5 | 6.9 | 289.4 | 305.5 | 6.1 | 94.9 | 0.8 | 47.0 |
| 2.3 | 19.7 | 1479.6 | 850.0 | 4.0 | 3.2 | 238.7 | 11.1 | 8.6 | 7.0 | 290.3 | 305.5 | 5.7 | 94.5 | 1.3 | 45.0 |
| 3.0 | 22.0 | 1722.7 | 825.0 | 4.3 | 3.5 | 238.7 | 11.4 | 11.4 | 6.4 | 293.1 | 310.1 | 6.0 | 94.8 | 1.8 | 50.0 |
| 3.8 | 24.4 | 1974.6 | 800.0 | 5.4 | -0.2 | 239.3 | 12.6 | 10.8 | 4.2 | 296.9 | 310.1 | 4.7 | 97.4 | 2.4 | 51.0 |
| 4.7 | 26.7 | 2234.1 | 775.0 | 5.5 | -2.6 | 250.3 | 12.6 | 11.8 | 4.0 | 299.7 | 310.1 | 2.7 | 97.4 | 3.0 | 54.0 |
| 5.0 | 29.2 | 2501.9 | 750.0 | 5.1 | -19.1 | 253.2 | 13.8 | 13.2 | 4.0 | 302.1 | 310.1 | 1.0 | 97.4 | 4.0 | 59.0 |
| 7.0 | 31.4 | 2777.7 | 725.0 | 3.4 | -19.1 | 255.5 | 14.8 | 14.2 | 3.7 | 303.2 | 310.1 | 1.2 | 97.4 | 4.0 | 59.0 |
| 8.1 | 33.9 | 3060.8 | 700.0 | 0.9 | -12.6 | 253.6 | 14.2 | 13.7 | 4.0 | 303.5 | 310.1 | 2.1 | 97.4 | 4.0 | 59.0 |
| 9.3 | 36.3 | 3352.3 | 675.0 | -1.0 | -12.6 | 246.3 | 14.6 | 13.4 | 5.9 | 304.6 | 311.0 | 2.1 | 97.4 | 4.0 | 59.0 |
| 10.4 | 38.9 | 3652.4 | 650.0 | -2.6 | -14.7 | 238.2 | 17.0 | 14.5 | 9.0 | 306.0 | 311.0 | 1.9 | 97.4 | 4.0 | 59.0 |
| 11.4 | 41.5 | 3952.3 | 625.0 | -5.1 | -20.5 | 234.0 | 20.0 | 16.2 | 11.8 | 306.6 | 310.3 | 1.2 | 97.4 | 4.0 | 59.0 |
| 12.3 | 44.1 | 4281.2 | 600.0 | -7.9 | -24.5 | 234.0 | 20.5 | 16.6 | 12.0 | 306.9 | 310.9 | 0.9 | 97.4 | 4.0 | 59.0 |
| 13.4 | 46.9 | 4610.1 | 575.0 | -10.9 | -24.5 | 237.5 | 20.8 | 17.5 | 11.2 | 307.2 | 310.2 | 0.9 | 97.4 | 4.0 | 59.0 |
| 14.3 | 49.8 | 4949.7 | 550.0 | -14.1 | -25.1 | 234.0 | 20.5 | 17.5 | 10.7 | 307.4 | 310.2 | 0.4 | 97.4 | 4.0 | 59.0 |
| 15.3 | 52.4 | 5301.1 | 525.0 | -16.7 | -35.1 | 234.0 | 17.4 | 14.1 | 10.2 | 308.4 | 310.2 | 0.2 | 97.4 | 4.0 | 59.0 |
| 16.4 | 55.3 | 5655.8 | 500.0 | -19.4 | -39.6 | 226.8 | 17.2 | 12.5 | 11.8 | 309.3 | 310.2 | 0.1 | 97.4 | 4.0 | 59.0 |
| 17.5 | 58.3 | 6045.0 | 475.0 | -21.6 | -46.8 | 221.2 | 20.2 | 13.3 | 15.2 | 311.2 | 310.2 | 0.1 | 97.4 | 4.0 | 59.0 |
| 18.5 | 61.4 | 6441.3 | 450.0 | -24.5 | -50.3 | 218.9 | 20.5 | 12.9 | 15.0 | 312.5 | 312.8 | 0.1 | 97.4 | 4.0 | 59.0 |
| 19.8 | 64.5 | 6855.3 | 425.0 | -26.8 | -50.9 | 221.5 | 21.6 | 14.3 | 18.2 | 314.7 | 315.0 | 0.1 | 97.4 | 4.0 | 59.0 |
| 21.8 | 67.7 | 7290.2 | 400.0 | -29.5 | -53.0 | 224.1 | 25.5 | 17.8 | 18.3 | 316.7 | 315.9 | 0.1 | 97.4 | 4.0 | 59.0 |
| 24.1 | 71.1 | 7747.3 | 375.0 | -33.1 | -55.8 | 223.9 | 28.2 | 19.5 | 20.3 | 317.9 | 317.9 | 0.1 | 97.4 | 4.0 | 59.0 |
| 26.0 | 74.6 | 8229.1 | 350.0 | -36.2 | -57.6 | 228.9 | 27.3 | 20.5 | 17.9 | 319.9 | 320.0 | 0.0 | 97.4 | 4.0 | 59.0 |
| 27.9 | 78.1 | 8738.8 | 325.0 | -40.5 | 99.9 | 233.4 | 25.9 | 21.6 | 16.1 | 320.9 | 320.0 | 0.0 | 97.4 | 4.0 | 59.0 |
| 29.9 | 81.9 | 9279.1 | 300.0 | -44.8 | 99.9 | 238.6 | 23.7 | 20.2 | 12.3 | 322.2 | 320.0 | 0.0 | 97.4 | 4.0 | 59.0 |
| 32.4 | 85.9 | 9856.0 | 275.0 | -48.3 | 99.9 | 239.0 | 23.3 | 23.4 | 14.1 | 325.3 | 320.0 | 0.0 | 97.4 | 4.0 | 59.0 |
| 35.2 | 90.0 | 10478.0 | 250.0 | -52.7 | 99.9 | 242.1 | 28.3 | 25.0 | 13.2 | 327.8 | 320.0 | 0.0 | 97.4 | 4.0 | 59.0 |
| 38.3 | 94.5 | 11151.8 | 225.0 | -56.8 | 99.9 | 243.8 | 28.1 | 24.3 | 12.0 | 331.4 | 320.0 | 0.0 | 97.4 | 4.0 | 59.0 |
| 41.7 | 99.2 | 11904.4 | 200.0 | -59.8 | 99.9 | 250.8 | 22.8 | 21.5 | 7.5 | 347.6 | 320.0 | 0.0 | 97.4 | 4.0 | 59.0 |
| 45.7 | 104.4 | 12764.3 | 175.0 | -52.4 | 99.9 | 246.6 | 22.8 | 20.1 | 8.7 | 363.5 | 320.0 | 0.0 | 97.4 | 4.0 | 59.0 |
| 49.8 | 110.0 | 13756.2 | 150.0 | -55.6 | 99.9 | 248.7 | 22.1 | 20.6 | 8.0 | 374.3 | 320.0 | 0.0 | 97.4 | 4.0 | 59.0 |
| 54.6 | 116.2 | 14914.7 | 125.0 | -57.2 | 99.9 | 248.7 | 21.9 | 20.4 | 6.6 | 391.4 | 320.0 | 0.0 | 97.4 | 4.0 | 59.0 |
| 60.5 | 123.3 | 16315.5 | 100.0 | -60.5 | 99.9 | 252.6 | 21.9 | 20.9 | 6.6 | 411.0 | 320.0 | 0.0 | 97.4 | 4.0 | 59.0 |
| 67.4 | 131.3 | 18091.1 | 75.0 | -63.8 | 99.9 | 247.1 | 20.1 | 18.6 | 7.8 | 439.2 | 320.0 | 0.0 | 97.4 | 4.0 | 59.0 |
| 99.9 | 99.9 | 99.9 | 50.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE 1
OF POOR QUALITY

STATION NO. 102
POST, TEXAS
24 APRIL 1982
1423 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DEG C | DEW PT DEG C | DIR DEG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RIO CM/KG | RH PCT | RANGE KM | AZ DEG |
|-------------|-------|---------------|------------|---------------|-----------------|------------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|-----------|
| 0.0 | 13.8 | 772.0 | 924.6 | 11.9 | 7.4 | 220.0 | 3.1 | 2.0 | 2.4 | 291.5 | 310.1 | 7.0 | 74.0 | 0.0 | 0 |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999 |
| 99.9 | 99.9 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999 |
| 99.9 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999 |
| 0.7 | 16.2 | 996.2 | 900.0 | 8.2 | 7.1 | 185.8 | 9.0 | 0.9 | 9.0 | 290.2 | 308.6 | 7.1 | 92.9 | 0.4 | 1 |
| 1.3 | 18.7 | 1228.5 | 875.0 | 5.7 | 5.6 | 189.8 | 10.4 | 1.8 | 10.3 | 290.2 | 307.4 | 6.5 | 96.1 | 0.7 | 3 |
| 2.2 | 21.2 | 1466.1 | 850.0 | 5.7 | 3.5 | 210.8 | 12.0 | 6.1 | 10.3 | 292.1 | 307.8 | 5.8 | 85.5 | 1.3 | 9 |
| 3.0 | 23.7 | 1712.6 | 825.0 | 10.6 | -4.9 | 236.7 | 12.7 | 10.6 | 7.0 | 299.8 | 309.1 | 3.2 | 33.6 | 1.8 | 21 |
| 4.0 | 26.2 | 1968.6 | 800.0 | 9.4 | -6.0 | 245.8 | 12.9 | 11.7 | 5.3 | 301.2 | 310.0 | 3.2 | 32.9 | 2.4 | 34 |
| 4.9 | 28.8 | 2230.7 | 775.0 | 7.1 | -5.9 | 237.2 | 12.1 | 10.2 | 6.6 | 301.5 | 310.7 | 3.2 | 39.1 | 2.4 | 40 |
| 5.7 | 31.4 | 2499.3 | 750.0 | 4.8 | -5.8 | 234.4 | 12.0 | 9.7 | 7.0 | 301.8 | 311.3 | 3.2 | 45.9 | 3.6 | 42 |
| 6.7 | 33.9 | 2774.6 | 725.0 | 2.8 | -11.6 | 245.2 | 12.0 | 12.9 | 6.0 | 302.6 | 309.1 | 2.2 | 33.9 | 4.3 | 45 |
| 7.8 | 36.5 | 3058.4 | 700.0 | 1.8 | -21.2 | 255.0 | 16.7 | 16.2 | 4.3 | 304.5 | 307.6 | 1.0 | 16.2 | 5.2 | 50 |
| 8.9 | 39.2 | 3349.9 | 675.0 | -1.1 | -21.5 | 253.6 | 17.7 | 17.7 | 5.2 | 304.5 | 307.7 | 0.9 | 19.4 | 6.2 | 55 |
| 10.0 | 41.9 | 3649.5 | 650.0 | -3.5 | -27.3 | 250.6 | 21.2 | 20.0 | 7.0 | 305.0 | 307.7 | 0.6 | 19.0 | 7.5 | 59 |
| 11.0 | 44.7 | 3958.2 | 625.0 | -5.7 | -27.3 | 247.3 | 23.5 | 21.7 | 9.1 | 305.9 | 308.0 | 0.5 | 16.3 | 10.5 | 60 |
| 12.1 | 47.6 | 4276.7 | 600.0 | -8.2 | -31.1 | 244.7 | 24.1 | 21.8 | 10.3 | 306.6 | 308.2 | 0.5 | 13.8 | 12.0 | 61 |
| 13.1 | 50.4 | 4605.2 | 575.0 | -11.2 | -32.3 | 243.9 | 23.8 | 21.4 | 10.5 | 306.9 | 308.4 | 0.4 | 15.4 | 13.8 | 61 |
| 14.4 | 53.3 | 4944.6 | 550.0 | -13.6 | -36.3 | 243.0 | 21.8 | 19.4 | 9.9 | 307.9 | 309.0 | 0.3 | 12.7 | 15.9 | 61 |
| 16.1 | 56.3 | 5296.6 | 525.0 | -15.8 | -38.5 | 243.0 | 20.5 | 20.5 | 10.5 | 309.4 | 310.3 | 0.3 | 12.2 | 18.0 | 62 |
| 17.6 | 59.3 | 5663.2 | 500.0 | -17.7 | -36.0 | 241.1 | 20.1 | 17.6 | 9.7 | 311.5 | 312.9 | 0.4 | 11.9 | 20.0 | 61 |
| 19.3 | 62.4 | 6045.7 | 475.0 | -20.1 | -24.8 | 232.2 | 24.6 | 19.5 | 15.1 | 313.1 | 316.0 | 1.1 | 66.0 | 22.8 | 60 |
| 21.0 | 65.6 | 6444.1 | 450.0 | -23.3 | -44.8 | 230.2 | 26.5 | 20.4 | 17.0 | 314.0 | 314.6 | 0.2 | 11.9 | 24.9 | 59 |
| 22.3 | 68.9 | 6859.0 | 425.0 | -26.9 | -33.5 | 227.1 | 26.0 | 19.1 | 17.7 | 314.6 | 315.5 | 0.6 | 57.0 | 27.1 | 58 |
| 23.9 | 72.3 | 7293.4 | 400.0 | -30.4 | -35.0 | 225.5 | 25.2 | 18.0 | 17.7 | 315.5 | 317.1 | 0.5 | 64.1 | 29.6 | 57 |
| 25.6 | 75.9 | 7749.1 | 375.0 | -33.7 | -53.1 | 230.6 | 24.5 | 19.0 | 15.6 | 316.9 | 320.3 | 0.1 | 12.1 | 32.2 | 57 |
| 27.3 | 79.5 | 8230.9 | 350.0 | -36.1 | -55.5 | 234.7 | 28.9 | 23.6 | 16.0 | 320.1 | 320.3 | 0.1 | 11.4 | 35.6 | 56 |
| 29.2 | 83.2 | 8741.7 | 325.0 | -39.6 | -59.9 | 236.5 | 29.0 | 24.2 | 16.1 | 322.1 | 320.3 | 99.9 | 99.9 | 39.2 | 57 |
| 31.2 | 87.2 | 9285.4 | 300.0 | -43.0 | 99.9 | 238.3 | 30.7 | 26.2 | 14.9 | 327.7 | 320.3 | 99.9 | 99.9 | 43.5 | 57 |
| 33.5 | 91.3 | 9867.1 | 275.0 | -46.6 | 99.9 | 242.3 | 32.1 | 28.4 | 14.9 | 333.5 | 320.3 | 99.9 | 99.9 | 48.6 | 58 |
| 36.1 | 95.7 | 10496.6 | 250.0 | -48.8 | 99.9 | 244.8 | 35.1 | 31.7 | 10.9 | 339.6 | 320.3 | 99.9 | 99.9 | 53.1 | 58 |
| 38.4 | 100.4 | 11183.9 | 225.0 | -51.5 | 99.9 | 249.3 | 30.8 | 28.8 | 8.1 | 349.0 | 320.3 | 99.9 | 99.9 | 57.1 | 59 |
| 41.0 | 105.4 | 11948.9 | 200.0 | -52.9 | 99.9 | 250.8 | 24.5 | 23.1 | 7.7 | 353.5 | 320.3 | 99.9 | 99.9 | 61.4 | 60 |
| 44.0 | 110.8 | 12807.0 | 175.0 | -52.4 | 99.9 | 248.8 | 21.3 | 19.8 | 7.7 | 353.5 | 320.3 | 99.9 | 99.9 | 66.4 | 61 |
| 47.9 | 116.7 | 13808.2 | 150.0 | -53.5 | 99.9 | 250.8 | 24.5 | 23.2 | 8.1 | 377.9 | 320.3 | 99.9 | 99.9 | 72.2 | 61 |
| 52.0 | 123.3 | 14974.6 | 125.0 | -55.3 | 99.9 | 246.0 | 22.9 | 21.8 | 9.7 | 394.8 | 320.3 | 99.9 | 99.9 | 79.0 | 62 |
| 57.2 | 131.0 | 16383.8 | 100.0 | -59.1 | 99.9 | 249.9 | 22.1 | 20.7 | 7.6 | 443.6 | 320.3 | 99.9 | 99.9 | 87.7 | 62 |
| 63.8 | 140.0 | 18173.5 | 75.0 | -61.3 | 99.9 | 245.6 | 22.5 | 20.5 | 9.3 | 506.3 | 320.3 | 99.9 | 99.9 | 99.9 | 999 |
| 73.1 | 151.0 | 20690.1 | 50.0 | -58.2 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999 |
| 99.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

| STATION NO. 102 POST, TEXAS | | | | | | | | | | | | | | | 132 44. 0 | | |
|--------------------------------|-------|---------|-------|-------|--------|-------|-------|--------|--------|-------|---------|--------|------|-------|-----------|--|--|
| 24 APRIL 1982 1728 GMT | | | | | | | | | | | | | | | | | |
| TIME | CNTCT | HEIGHT | PRES | TEMP | DEW PT | DIR | SPEED | U COMP | V COMP | POT T | E POT T | MX RTO | RH | RANGE | AZ | | |
| MIN | | GPM | MB | DG C | DG C | DG | M/SEC | M/SEC | M/SEC | DG K | DG K | GM/KG | PCT | KM | DG | | |
| 0.0 | 12.9 | 772.0 | 924.5 | 14.4 | 8.1 | 200.0 | 4.2 | 1.4 | 3.9 | 294.1 | 313.8 | 7.4 | 66.0 | 0.0 | 0 | | |
| 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | | |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | | |
| 99.9 | 99.9 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | | |
| 99.9 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | | |
| 0.5 | 15.1 | 998.8 | 900.0 | 12.1 | 7.1 | 234.3 | 7.7 | 6.2 | 4.5 | 294.0 | 312.9 | 7.1 | 71.2 | 0.2 | 56 | | |
| 1.9 | 17.4 | 1234.1 | 875.0 | 9.2 | 7.6 | 232.1 | 9.1 | 7.2 | 5.6 | 293.3 | 313.3 | 7.5 | 89.6 | 0.5 | 55 | | |
| 2.6 | 19.6 | 1473.9 | 850.0 | 7.3 | 4.2 | 244.9 | 10.9 | 9.9 | 4.8 | 293.8 | 310.3 | 6.2 | 81.5 | 1.0 | 53 | | |
| 3.8 | 21.9 | 1720.5 | 825.0 | 10.0 | -2.4 | 255.3 | 11.8 | 11.3 | 2.8 | 299.2 | 310.3 | 3.9 | 42.0 | 1.5 | 61 | | |
| 4.5 | 24.2 | 1978.0 | 800.0 | 8.9 | -4.8 | 256.5 | 10.5 | 10.2 | 2.5 | 300.7 | 310.3 | 3.3 | 37.4 | 2.1 | 68 | | |
| 5.4 | 26.6 | 2237.7 | 775.0 | 6.4 | -7.1 | 253.8 | 11.3 | 10.8 | 3.2 | 300.7 | 309.2 | 2.9 | 37.4 | 2.7 | 68 | | |
| 6.7 | 31.3 | 2505.6 | 750.0 | 4.2 | -8.2 | 249.1 | 10.8 | 10.1 | 3.9 | 301.1 | 309.2 | 2.8 | 40.0 | 3.3 | 69 | | |
| 7.8 | 33.7 | 2780.1 | 725.0 | 1.8 | -10.0 | 244.6 | 13.7 | 12.3 | 5.9 | 301.4 | 308.7 | 2.5 | 41.0 | 4.2 | 68 | | |
| 9.1 | 38.2 | 3082.0 | 700.0 | -0.3 | -14.7 | 246.5 | 15.3 | 14.1 | 6.1 | 302.2 | 307.5 | 1.8 | 32.8 | 5.2 | 68 | | |
| 10.2 | 38.2 | 3352.4 | 675.0 | -1.2 | -20.6 | 244.7 | 16.7 | 15.1 | 7.1 | 304.3 | 307.7 | 1.0 | 22.1 | 6.4 | 67 | | |
| 11.6 | 41.3 | 3851.9 | 650.0 | -3.4 | -22.0 | 249.4 | 18.7 | 17.5 | 6.6 | 305.1 | 308.3 | 0.7 | 19.8 | 7.6 | 67 | | |
| 13.0 | 44.0 | 4280.6 | 625.0 | -4.8 | -24.3 | 251.6 | 19.6 | 18.6 | 6.2 | 307.7 | 309.9 | 0.3 | 18.2 | 9.2 | 68 | | |
| 14.1 | 46.7 | 4610.8 | 600.0 | -7.3 | -27.1 | 252.3 | 21.5 | 20.5 | 6.6 | 307.7 | 310.5 | 0.6 | 18.2 | 12.5 | 69 | | |
| 15.7 | 49.4 | 4952.3 | 575.0 | -9.7 | -31.8 | 252.6 | 23.9 | 22.8 | 7.2 | 308.6 | 310.5 | 0.5 | 17.9 | 14.8 | 70 | | |
| 17.3 | 52.2 | 5305.6 | 550.0 | -12.4 | -33.7 | 251.2 | 25.8 | 24.4 | 7.7 | 309.3 | 311.7 | 0.4 | 18.5 | 16.9 | 70 | | |
| 19.1 | 55.1 | 5672.2 | 525.0 | -15.1 | -36.6 | 250.2 | 23.7 | 22.3 | 8.0 | 310.9 | 312.0 | 0.3 | 18.0 | 19.3 | 70 | | |
| 20.6 | 58.1 | 6052.7 | 500.0 | -18.2 | -38.3 | 250.0 | 23.9 | 22.5 | 8.2 | 311.0 | 312.0 | 0.3 | 20.7 | 21.5 | 70 | | |
| 22.3 | 61.1 | 6448.2 | 475.0 | -21.6 | -40.5 | 252.6 | 26.4 | 25.2 | 7.9 | 311.7 | 312.5 | 0.2 | 22.1 | 24.0 | 70 | | |
| 24.1 | 64.3 | 6860.7 | 450.0 | -25.1 | -44.1 | 257.0 | 28.5 | 25.8 | 6.0 | 312.6 | 313.2 | 0.2 | 20.5 | 27.0 | 71 | | |
| 25.6 | 67.5 | 7293.1 | 425.0 | -31.1 | -48.4 | 258.4 | 30.4 | 29.5 | 7.1 | 314.6 | 315.1 | 0.1 | 20.3 | 29.5 | 71 | | |
| 26.9 | 70.9 | 7748.1 | 400.0 | -33.2 | -48.5 | 253.3 | 28.9 | 25.7 | 7.7 | 317.6 | 318.1 | 0.1 | 19.7 | 31.7 | 71 | | |
| 28.8 | 74.3 | 8231.1 | 375.0 | -35.7 | -51.0 | 251.5 | 31.5 | 28.9 | 10.0 | 320.7 | 321.0 | 0.1 | 18.8 | 34.8 | 71 | | |
| 30.8 | 78.0 | 8742.1 | 350.0 | -39.2 | -51.9 | 251.5 | 31.3 | 28.7 | 9.9 | 322.6 | 322.6 | 99.9 | 99.9 | 38.8 | 71 | | |
| 32.9 | 81.7 | 9286.7 | 325.0 | -42.9 | -52.9 | 251.5 | 26.7 | 25.4 | 8.5 | 324.9 | 324.9 | 99.9 | 99.9 | 42.3 | 71 | | |
| 35.1 | 85.7 | 9869.8 | 300.0 | -46.0 | -54.9 | 251.5 | 33.8 | 32.1 | 10.7 | 328.5 | 328.5 | 99.9 | 99.9 | 46.2 | 71 | | |
| 37.4 | 89.8 | 10498.8 | 275.0 | -49.4 | -56.9 | 251.5 | 41.4 | 39.3 | 13.1 | 332.6 | 332.6 | 99.9 | 99.9 | 51.9 | 71 | | |
| 40.2 | 94.3 | 11185.1 | 250.0 | -51.3 | -58.9 | 252.2 | 35.2* | 33.5 | 10.7 | 339.8 | 339.8 | 99.9 | 99.9 | 58.2 | 72 | | |
| 43.3 | 99.2 | 11949.5 | 225.0 | -51.5 | -59.9 | 251.9 | 30.9* | 29.4 | 9.6 | 351.3 | 351.3 | 99.9 | 99.9 | 64.0 | 72 | | |
| 46.8 | 104.2 | 12814.3 | 175.0 | -51.6 | -59.9 | 251.6 | 28.1 | 28.1 | 9.4 | 364.8 | 364.8 | 99.9 | 99.9 | 70.4 | 72 | | |
| 50.4 | 109.8 | 13812.4 | 150.0 | -52.8 | -59.9 | 252.2 | 26.4* | 25.2 | 8.1 | 379.0 | 379.0 | 99.9 | 99.9 | 76.6 | 72 | | |
| 54.9 | 116.0 | 14978.1 | 125.0 | -55.6 | -59.9 | 248.6 | 25.7* | 23.9 | 9.4 | 394.4 | 394.4 | 99.9 | 99.9 | 83.3 | 72 | | |
| 59.9 | 123.0 | 16389.2 | 100.0 | -59.7 | -59.9 | 250.8 | 25.7* | 24.3 | 8.5 | 412.5 | 412.5 | 99.9 | 99.9 | 91.1 | 71 | | |
| 68.4 | 131.0 | 18183.8 | 75.0 | -60.4 | -59.9 | 251.3 | 26.5* | 24.2 | 8.2 | 446.4 | 446.4 | 99.9 | 99.9 | 101.1 | 71 | | |
| 75.1 | 140.5 | 20699.9 | 50.0 | -68.7 | -59.9 | 251.3 | 26.2* | 24.8 | 8.4 | 505.2 | 505.2 | 99.9 | 99.9 | 115.0 | 71 | | |
| 99.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 | | |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

** BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

*** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

**** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 102
POST, TEXAS

24 APRIL 1982
2037 GMT

126 57 0

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX PIO GM/KG | RH PCT | RANGE NM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 12.3 | 772.0 | 920.8 | 20.8 | 7.4 | 200.0 | 6.2 | 2.1 | 5.8 | 301.0 | 320.4 | 7.1 | 42.0 | 0.0 | 0.0 |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.8 | 14.2 | 968.4 | 900.0 | 17.6 | 10.8 | 999.9 | 99.9 | 99.9 | 99.9 | 289.6 | 324.2 | 9.1 | 64.3 | 0.3 | 37.7 |
| 1.6 | 16.5 | 1208.2 | 875.0 | 15.3 | 3.8 | 999.9 | 99.9 | 99.9 | 99.9 | 289.7 | 315.6 | 5.8 | 46.2 | 99.9 | 99.9 |
| 2.2 | 18.8 | 1453.0 | 850.0 | 12.9 | 4.5 | 999.9 | 99.9 | 99.9 | 99.9 | 299.7 | 316.9 | 6.3 | 56.8 | 99.9 | 99.9 |
| 2.9 | 21.0 | 1703.1 | 825.0 | 10.6 | 4.0 | 999.9 | 99.9 | 99.9 | 99.9 | 299.8 | 317.0 | 6.2 | 63.6 | 99.9 | 99.9 |
| 3.7 | 23.4 | 1958.5 | 800.0 | 8.1 | 1.3 | 999.9 | 99.9 | 99.9 | 99.9 | 300.5 | 314.5 | 5.5 | 62.1 | 99.9 | 99.9 |
| 4.5 | 25.7 | 2219.8 | 775.0 | 5.7 | 1.5 | 242.0 | 14.5 | 12.8 | 6.8 | 300.5 | 315.4 | 4.1 | 74.4 | 3.1 | 52.4 |
| 5.4 | 28.2 | 2487.2 | 750.0 | 3.6 | -3.0 | 251.6 | 15.1 | 14.3 | 2.7 | 301.6 | 312.1 | 2.9 | 61.9 | 3.1 | 54.4 |
| 6.2 | 30.6 | 2761.6 | 725.0 | 1.9 | -7.8 | 260.5 | 16.2 | 16.0 | 2.0 | 302.8 | 310.2 | 2.0 | 48.4 | 4.5 | 58.4 |
| 7.4 | 33.1 | 3044.0 | 700.0 | 0.3 | -12.8 | 267.7 | 15.9 | 15.5 | 0.7 | 304.8 | 308.9 | 1.4 | 36.7 | 5.6 | 68.4 |
| 8.9 | 35.6 | 3335.3 | 675.0 | -0.8 | -17.6 | 267.4 | 15.9 | 15.9 | 0.7 | 306.1 | 309.1 | 1.4 | 26.6 | 6.9 | 68.4 |
| 10.1 | 38.2 | 3635.6 | 650.0 | -2.5 | -22.0 | 267.0 | 19.2 | 17.9 | 0.3 | 307.4 | 309.3 | 1.0 | 20.7 | 8.1 | 71.4 |
| 11.7 | 40.8 | 3945.6 | 625.0 | -4.4 | -25.1 | 269.0 | 19.2 | 19.2 | 0.3 | 308.9 | 310.0 | 0.8 | 18.0 | 9.7 | 74.4 |
| 13.1 | 43.4 | 4266.1 | 600.0 | -6.2 | -26.6 | 264.4 | 20.8 | 20.7 | 0.3 | 309.6 | 311.3 | 0.7 | 18.9 | 11.4 | 76.4 |
| 14.4 | 46.2 | 4597.5 | 575.0 | -8.9 | -28.4 | 260.3 | 20.5 | 20.5 | 0.4 | 310.2 | 312.3 | 0.6 | 23.0 | 13.1 | 77.4 |
| 15.8 | 48.9 | 4939.8 | 550.0 | -11.7 | -32.2 | 262.6 | 20.7 | 20.5 | 0.4 | 310.9 | 312.4 | 0.4 | 18.6 | 14.8 | 77.4 |
| 17.2 | 51.7 | 5234.2 | 525.0 | -14.6 | -36.7 | 262.8 | 21.9 | 20.5 | 0.8 | 312.3 | 313.4 | 0.3 | 16.1 | 16.4 | 78.4 |
| 18.5 | 54.4 | 5562.1 | 500.0 | -17.0 | -39.9 | 267.1 | 22.1 | 22.1 | 1.1 | 312.4 | 313.3 | 0.2 | 15.7 | 18.1 | 79.4 |
| 20.0 | 57.4 | 6044.3 | 475.0 | -20.7 | -42.8 | 267.6 | 22.1 | 22.1 | 0.9 | 312.6 | 313.3 | 0.2 | 16.1 | 20.1 | 79.4 |
| 21.7 | 60.5 | 6441.2 | 450.0 | -24.4 | -45.9 | 267.6 | 22.8 | 20.8 | 0.9 | 312.6 | 313.3 | 0.2 | 16.1 | 22.3 | 80.4 |
| 23.6 | 63.6 | 6854.5 | 425.0 | -28.3 | -48.9 | 267.5 | 21.9 | 21.9 | 1.2 | 313.2 | 313.3 | 0.1 | 16.5 | 24.6 | 80.4 |
| 25.1 | 66.9 | 7285.9 | 400.0 | -32.2 | -51.3 | 267.1 | 25.8 | 25.8 | 1.1 | 313.2 | 313.6 | 0.1 | 17.0 | 26.7 | 81.4 |
| 26.3 | 70.3 | 7738.0 | 375.0 | -35.2 | -53.1 | 267.1 | 26.7 | 26.7 | 1.3 | 315.0 | 315.3 | 0.1 | 17.3 | 28.7 | 81.4 |
| 28.1 | 73.7 | 8217.1 | 350.0 | -37.1 | -55.1 | 265.4 | 31.9 | 31.8 | 2.5 | 318.7 | 319.0 | 0.1 | 16.8 | 31.5 | 82.4 |
| 29.9 | 77.3 | 8726.7 | 325.0 | -39.9 | -59.9 | 261.0 | 36.4 | 36.0 | 3.8 | 321.7 | 321.7 | 99.9 | 99.9 | 35.5 | 82.4 |
| 31.4 | 81.1 | 9259.8 | 300.0 | -43.3 | -61.3 | 261.6 | 37.7 | 37.2 | 5.7 | 324.3 | 324.3 | 99.9 | 99.9 | 38.6 | 82.4 |
| 33.3 | 85.0 | 9800.8 | 275.0 | -46.1 | -64.9 | 261.3 | 39.8 | 39.4 | 5.6 | 328.5 | 328.5 | 99.9 | 99.9 | 42.7 | 82.4 |
| 36.0 | 89.2 | 10430.9 | 250.0 | -49.7 | -68.9 | 261.9 | 39.8 | 39.4 | 5.6 | 333.5 | 333.5 | 99.9 | 99.9 | 49.3 | 82.4 |
| 38.4 | 93.7 | 11173.4 | 225.0 | -49.7 | -68.9 | 259.4 | 32.0 | 31.5 | 5.9 | 333.4 | 333.4 | 99.9 | 99.9 | 54.3 | 82.4 |
| 41.1 | 98.5 | 11940.0 | 200.0 | -50.8 | -69.9 | 254.7 | 40.1 | 38.7 | 10.5 | 332.3 | 332.3 | 99.9 | 99.9 | 58.1 | 81.4 |
| 44.6 | 103.6 | 12807.2 | 175.0 | -51.4 | -69.9 | 255.4 | 35.5* | 34.3 | 8.9 | 365.1 | 365.1 | 99.9 | 99.9 | 68.1 | 81.4 |
| 48.3 | 109.0 | 13805.8 | 150.0 | -52.8 | -69.9 | 258.7 | 24.4* | 24.0 | 4.8 | 379.1 | 379.1 | 99.9 | 99.9 | 73.6 | 80.4 |
| 52.4 | 115.2 | 14972.0 | 125.0 | -56.3 | -69.9 | 247.5 | 27.4* | 25.3 | 10.5 | 393.1 | 393.1 | 99.9 | 99.9 | 80.0 | 80.4 |
| 57.5 | 122.2 | 16384.3 | 100.0 | -59.3 | -69.9 | 253.0 | 25.0* | 23.9 | 7.3 | 413.2 | 413.2 | 99.9 | 99.9 | 87.6 | 79.4 |
| 63.9 | 130.3 | 18178.1 | 75.0 | -60.6 | -69.9 | 255.7 | 25.8* | 25.0 | 6.4 | 445.8 | 445.8 | 99.9 | 99.9 | 97.2 | 78.4 |
| 99.9 | 99.9 | 99.9 | 50.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

| STATION NO. 102 POST, TEXAS | | | | | | | | | | | | | | | 127 59. 0 | | |
|--------------------------------|-------|---------|--------|-------|--------|-------|-------|--------|--------|-------|---------|--------|------|-------|-----------|------|-----|
| 24 APRIL 1982 | | | | | | | | | | | | | | | | | |
| 2320 GMT | | | | | | | | | | | | | | | | | |
| TIME | CNTCT | HEIGHT | PRES | TEMP | DEW PT | DIR | SPEED | U COMP | V COMP | POT T | E POT T | MX RTD | RH | RANGE | AZ | DG | |
| MIN | | GPM | MB | DG C | DG C | DG | M/SEC | M/SEC | M/SEC | DG K | DG K | GM/KG | PCT | KM | DEG | | |
| 0.0 | 13.5 | 772.0 | 917.9 | 22.8 | 3.4 | 220.0 | 7.7 | 4.9 | 5.9 | 303.3 | 318.3 | 5.3 | 28.0 | 0.0 | 0.0 | 0.0 | |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | |
| 99.9 | 99.9 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | |
| 99.9 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | |
| 0.7 | 15.2 | 942.5 | 900.0 | 20.6 | 2.7 | 225.4 | 15.2 | 10.8 | 10.7 | 302.8 | 317.4 | 5.2 | 30.6 | 0.5 | 44.0 | 0.0 | |
| 1.4 | 17.5 | 1184.7 | 875.0 | 18.5 | 2.0 | 222.8 | 17.5 | 11.3 | 12.9 | 303.0 | 317.4 | 5.1 | 33.3 | 1.2 | 44.0 | 0.0 | |
| 2.1 | 19.8 | 1432.2 | 850.0 | 16.2 | 1.3 | 221.5 | 17.0 | 11.3 | 12.7 | 303.1 | 317.4 | 5.0 | 36.4 | 2.0 | 43.0 | 0.0 | |
| 2.8 | 22.2 | 1684.9 | 825.0 | 13.8 | 0.7 | 219.3 | 15.6 | 9.9 | 12.1 | 303.2 | 317.4 | 4.9 | 40.6 | 2.7 | 43.0 | 0.0 | |
| 3.5 | 24.6 | 1943.2 | 800.0 | 11.2 | -0.2 | 218.8 | 15.0 | 10.0 | 12.5 | 303.1 | 316.5 | 4.7 | 45.2 | 3.3 | 43.0 | 0.0 | |
| 4.2 | 27.0 | 2207.1 | 775.0 | 8.7 | -1.1 | 227.8 | 13.2 | 9.8 | 12.1 | 303.2 | 316.5 | 4.6 | 50.0 | 4.0 | 41.0 | 0.0 | |
| 5.5 | 29.5 | 2477.3 | 750.0 | 6.0 | -2.3 | 227.0 | 12.5 | 11.5 | 11.5 | 303.1 | 315.5 | 4.3 | 55.1 | 4.8 | 41.0 | 0.0 | |
| 6.5 | 31.9 | 2753.8 | 725.0 | 3.3 | -3.0 | 251.8 | 14.1 | 13.4 | 10.8 | 303.1 | 315.5 | 4.2 | 63.4 | 5.8 | 48.0 | 0.0 | |
| 7.9 | 34.5 | 3037.6 | 700.0 | 0.9 | -4.7 | 264.4 | 14.9 | 14.8 | 1.5 | 303.5 | 314.6 | 3.9 | 68.2 | 6.6 | 54.0 | 0.0 | |
| 9.4 | 37.0 | 3328.7 | 675.0 | -1.5 | -6.1 | 271.1 | 18.1 | 18.1 | -0.3 | 304.0 | 314.4 | 3.6 | 71.0 | 7.9 | 60.0 | 0.0 | |
| 10.8 | 39.3 | 3628.7 | 650.0 | -3.2 | -8.8 | 281.3 | 17.7 | 17.4 | -3.5 | 305.4 | 314.4 | 3.0 | 65.5 | 9.1 | 66.0 | 0.0 | |
| 12.0 | 42.1 | 3939.2 | 625.0 | -5.4 | -22.4 | 273.8 | 15.7 | 15.7 | -1.2 | 308.7 | 311.9 | 1.0 | 21.1 | 10.2 | 70.0 | 0.0 | |
| 13.2 | 44.8 | 4261.1 | 600.0 | -8.4 | -25.1 | 271.8 | 15.7 | 15.7 | -0.5 | 309.8 | 312.5 | 0.8 | 19.4 | 11.2 | 72.0 | 0.0 | |
| 14.3 | 47.4 | 4593.1 | 575.0 | -11.7 | -27.8 | 270.0 | 17.4 | 17.4 | -0.0 | 310.2 | 312.4 | 0.7 | 18.9 | 12.3 | 74.0 | 0.0 | |
| 15.8 | 50.2 | 4935.9 | 550.0 | -14.6 | -31.3 | 268.1 | 19.4 | 19.4 | 1.2 | 310.2 | 312.4 | 0.5 | 17.8 | 13.6 | 75.0 | 0.0 | |
| 17.4 | 53.0 | 5290.1 | 525.0 | -17.1 | -33.8 | 261.5 | 20.9 | 20.5 | 2.9 | 310.9 | 312.3 | 0.4 | 16.3 | 15.5 | 76.0 | 0.0 | |
| 19.2 | 56.0 | 5658.1 | 500.0 | -20.7 | -36.6 | 259.2 | 20.7 | 20.3 | 3.9 | 312.3 | 313.4 | 0.3 | 17.7 | 17.8 | 77.0 | 0.0 | |
| 20.6 | 59.0 | 6040.1 | 475.0 | -24.5 | -39.5 | 258.2 | 21.5 | 21.4 | 4.3 | 312.5 | 313.2 | 0.2 | 16.7 | 19.3 | 77.0 | 0.0 | |
| 22.1 | 62.1 | 6437.1 | 450.0 | -27.9 | -42.3 | 264.3 | 22.7 | 22.7 | -1.2 | 312.5 | 313.2 | 0.2 | 17.3 | 21.2 | 78.0 | 0.0 | |
| 23.7 | 65.3 | 6850.6 | 425.0 | -31.7 | -44.4 | 273.0 | 22.7 | 22.7 | -3.0 | 313.2 | 313.9 | 0.1 | 18.9 | 23.3 | 78.0 | 0.0 | |
| 25.6 | 68.6 | 7282.9 | 400.0 | -34.9 | -47.1 | 277.7 | 22.5 | 22.3 | -2.0 | 313.8 | 314.3 | 0.1 | 20.0 | 25.7 | 80.0 | 0.0 | |
| 27.7 | 72.0 | 7735.7 | 375.0 | -38.9 | -47.7 | 274.3 | 25.9 | 25.9 | -2.0 | 315.4 | 315.9 | 0.1 | 25.6 | 28.5 | 82.0 | 0.0 | |
| 29.6 | 75.6 | 8216.8 | 350.0 | -42.9 | -50.9 | 267.7 | 34.3 | 34.3 | 1.4 | 320.4 | 320.8 | 0.1 | 19.4 | 31.9 | 83.0 | 0.0 | |
| 31.8 | 79.2 | 8727.9 | 325.0 | -46.9 | -53.9 | 264.2 | 35.5 | 35.3 | 3.6 | 322.5 | 322.5 | 99.9 | 99.9 | 36.8 | 83.0 | 0.0 | |
| 34.5 | 83.0 | 9270.2 | 300.0 | -50.9 | -56.9 | 263.0 | 36.6 | 36.3 | 4.5 | 323.4 | 323.4 | 99.9 | 99.9 | 42.5 | 83.0 | 0.0 | |
| 37.2 | 87.0 | 9851.9 | 275.0 | -54.8 | -59.9 | 264.7 | 30.1 | 30.0 | 2.8 | 327.4 | 327.4 | 99.9 | 99.9 | 48.1 | 83.0 | 0.0 | |
| 39.9 | 91.2 | 10478.7 | 250.0 | -58.7 | -62.9 | 269.2 | 32.0 | 32.0 | 0.4 | 330.7 | 330.7 | 99.9 | 99.9 | 53.2 | 83.0 | 0.0 | |
| 42.6 | 95.7 | 11163.7 | 225.0 | -51.3 | -65.9 | 263.7 | 31.6 | 31.4 | 3.5 | 339.9 | 339.9 | 99.9 | 99.9 | 58.4 | 84.0 | 0.0 | |
| 45.9 | 100.4 | 11929.2 | 200.0 | -51.2 | -68.9 | 259.8 | 29.0 | 28.3 | 6.4 | 351.7 | 351.7 | 99.9 | 99.9 | 64.1 | 83.0 | 0.0 | |
| 49.6 | 105.6 | 12792.4 | 175.0 | -53.0 | -71.9 | 258.8 | 23.8 | 23.4 | 4.2 | 363.7 | 363.7 | 99.9 | 99.9 | 70.1 | 83.0 | 0.0 | |
| 53.6 | 111.3 | 13748.4 | 150.0 | -53.0 | -74.9 | 260.9 | 24.6 | 24.3 | 3.6 | 378.8 | 378.8 | 99.9 | 99.9 | 75.7 | 83.0 | 0.0 | |
| 58.2 | 117.5 | 14949.8 | 125.0 | -57.8 | -77.9 | 268.0 | 24.2 | 22.4 | 9.0 | 390.3 | 390.3 | 99.9 | 99.9 | 82.2 | 82.0 | 0.0 | |
| 63.9 | 124.5 | 16360.3 | 100.0 | -61.9 | -80.9 | 255.2 | 22.9 | 22.1 | 5.8 | 416.8 | 416.8 | 99.9 | 99.9 | 90.0 | 81.0 | 0.0 | |
| 70.8 | 132.7 | 18150.4 | 75.0 | -61.9 | -83.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 0.0 |
| 99.9 | 99.9 | 99.9 | 50.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 0.0 |
| 99.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 0.0 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
 ** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 102
POST, TEXAS

25 APRIL 1982
215 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 15.2 | 772.0 | 917.3 | 20.2 | 2.5 | 220.0 | 3.6 | 2.3 | 2.8 | 300.7 | 314.8 | 5.0 | 31.0 | 0.0 | 0.0 |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.5 | 17.0 | 935.8 | 900.0 | 19.4 | 1.8 | 236.3 | 17.2 | 14.3 | 9.5 | 301.5 | 315.3 | 4.9 | 30.9 | 0.3 | 50.0 |
| 1.4 | 19.7 | 1177.7 | 875.0 | 18.6 | 0.4 | 237.1 | 15.7 | 13.1 | 8.5 | 303.2 | 316.0 | 4.5 | 29.3 | 1.1 | 56.0 |
| 2.2 | 22.2 | 1425.2 | 850.0 | 16.8 | 1.0 | 239.7 | 16.3 | 14.0 | 8.2 | 303.7 | 315.7 | 4.2 | 29.7 | 2.0 | 55.0 |
| 3.0 | 24.9 | 1678.5 | 825.0 | 14.7 | 1.0 | 246.0 | 15.8 | 14.4 | 6.4 | 304.2 | 316.5 | 4.2 | 33.7 | 2.7 | 58.0 |
| 3.9 | 27.4 | 1937.7 | 800.0 | 12.4 | 1.8 | 247.5 | 17.5 | 16.2 | 6.7 | 304.3 | 316.4 | 4.2 | 37.2 | 3.6 | 60.0 |
| 4.9 | 30.2 | 2202.6 | 775.0 | 9.7 | 2.7 | 251.5 | 18.4 | 17.5 | 5.9 | 304.2 | 316.0 | 4.1 | 41.8 | 4.6 | 62.0 |
| 5.9 | 32.9 | 2473.9 | 750.0 | 7.6 | 4.0 | 255.6 | 20.6 | 19.9 | 5.1 | 304.8 | 315.9 | 3.8 | 43.7 | 5.8 | 65.0 |
| 6.9 | 35.7 | 2751.9 | 725.0 | 5.0 | 5.0 | 260.2 | 21.8 | 20.1 | 3.4 | 304.9 | 315.6 | 3.4 | 48.5 | 7.0 | 67.0 |
| 7.8 | 38.4 | 3037.2 | 700.0 | 2.5 | 6.5 | 266.3 | 20.1 | 20.1 | 1.3 | 305.2 | 315.1 | 3.4 | 51.6 | 8.1 | 69.0 |
| 8.8 | 41.3 | 3329.8 | 675.0 | 0.4 | 7.7 | 272.9 | 21.2 | 21.2 | 1.1 | 305.2 | 314.5 | 3.2 | 57.8 | 9.1 | 72.0 |
| 9.7 | 44.1 | 3630.2 | 650.0 | -3.2 | 9.1 | 279.1 | 21.8 | 21.5 | -3.4 | 305.3 | 314.1 | 3.0 | 62.8 | 10.3 | 75.0 |
| 10.6 | 47.0 | 3939.4 | 625.0 | -6.0 | 9.6 | 282.4 | 21.0 | 21.3 | -4.7 | 305.6 | 314.3 | 3.0 | 75.6 | 11.6 | 78.0 |
| 12.1 | 49.9 | 4257.7 | 600.0 | -8.7 | 10.0 | 283.3 | 21.0 | 20.4 | -4.8 | 306.0 | 314.6 | 3.0 | 90.4 | 13.0 | 81.0 |
| 13.2 | 52.9 | 4585.8 | 575.0 | -11.1 | 17.2 | 285.3 | 21.2 | 20.1 | -5.5 | 307.0 | 312.3 | 1.8 | 61.7 | 14.4 | 83.0 |
| 14.6 | 55.9 | 4925.5 | 550.0 | -14.0 | 20.1 | 285.3 | 21.2 | 20.5 | -5.6 | 307.5 | 311.8 | 1.4 | 59.6 | 16.0 | 86.0 |
| 16.0 | 59.0 | 5276.9 | 525.0 | -16.9 | 22.4 | 281.5 | 20.4 | 20.0 | -4.1 | 308.1 | 311.9 | 1.2 | 62.3 | 17.7 | 87.0 |
| 17.6 | 62.0 | 5641.7 | 500.0 | -19.1 | 27.7 | 274.5 | 20.1 | 20.0 | -1.6 | 309.8 | 312.3 | 0.8 | 46.0 | 19.6 | 88.0 |
| 19.2 | 65.1 | 6021.1 | 475.0 | -22.5 | 32.2 | 271.0 | 19.4 | 19.4 | -0.4 | 310.1 | 311.9 | 0.5 | 51.0 | 21.5 | 89.0 |
| 20.7 | 68.4 | 6416.0 | 450.0 | -25.3 | 32.4 | 269.0 | 19.9 | 19.9 | 0.3 | 311.5 | 313.3 | 0.5 | 51.0 | 23.1 | 89.0 |
| 22.1 | 71.9 | 6828.5 | 425.0 | -28.4 | 38.0 | 268.9 | 22.5 | 22.5 | 0.4 | 312.7 | 313.8 | 0.3 | 38.7 | 25.0 | 89.0 |
| 23.6 | 75.3 | 7259.7 | 400.0 | -32.3 | 46.6 | 271.8 | 20.2 | 20.2 | -0.6 | 313.1 | 313.6 | 0.1 | 32.3 | 26.8 | 89.0 |
| 25.7 | 78.9 | 7711.0 | 375.0 | -36.5 | 47.0 | 275.5 | 25.3 | 25.2 | -2.4 | 313.3 | 313.8 | 0.1 | 32.3 | 28.7 | 89.0 |
| 27.7 | 82.4 | 8186.3 | 350.0 | -39.4 | 99.9 | 274.2 | 28.0 | 27.9 | -2.0 | 315.6 | 999.9 | 99.9 | 99.9 | 32.8 | 90.0 |
| 29.6 | 86.1 | 8690.4 | 325.0 | -41.8 | 99.9 | 271.1 | 29.5 | 29.5 | -0.6 | 319.1 | 999.9 | 99.9 | 99.9 | 36.0 | 90.0 |
| 31.6 | 90.0 | 9229.0 | 300.0 | -44.7 | 99.9 | 271.9 | 30.6 | 30.6 | -1.0 | 322.3 | 999.9 | 99.9 | 99.9 | 39.8 | 90.0 |
| 33.9 | 94.2 | 9807.0 | 275.0 | -48.1 | 99.9 | 271.0 | 29.7 | 29.7 | -0.5 | 325.6 | 999.9 | 99.9 | 99.9 | 43.9 | 90.0 |
| 36.7 | 98.5 | 10428.8 | 250.0 | -52.3 | 99.9 | 270.9 | 38.6 | 38.6 | -0.6 | 328.4 | 999.9 | 99.9 | 99.9 | 49.8 | 90.0 |
| 39.6 | 103.0 | 11108.7 | 225.0 | -57.0 | 99.9 | 271.4 | 37.3 | 37.3 | -0.9 | 337.8 | 999.9 | 99.9 | 99.9 | 55.3 | 90.0 |
| 42.1 | 107.8 | 11876.0 | 200.0 | -51.3 | 99.9 | 259.3 | 38.3 | 37.6 | 7.1 | 351.6 | 999.9 | 99.9 | 99.9 | 58.9 | 90.0 |
| 45.1 | 112.2 | 12739.5 | 175.0 | -54.3 | 99.9 | 255.9 | 24.4 | 23.7 | 5.9 | 360.3 | 999.9 | 99.9 | 99.9 | 64.7 | 88.0 |
| 49.1 | 118.8 | 13719.8 | 150.0 | -57.5 | 99.9 | 250.2 | 23.9 | 23.5 | 4.1 | 371.0 | 999.9 | 99.9 | 99.9 | 69.7 | 88.0 |
| 53.6 | 125.2 | 14861.6 | 125.0 | -57.8 | 99.9 | 251.4 | 21.1 | 20.0 | 6.7 | 390.7 | 999.9 | 99.9 | 99.9 | 75.6 | 87.0 |
| 59.4 | 132.3 | 16277.3 | 100.0 | -57.0 | 99.9 | 262.6 | 22.4 | 22.2 | 2.9 | 417.6 | 999.9 | 99.9 | 99.9 | 83.0 | 86.0 |
| 66.2 | 140.3 | 18063.6 | 75.0 | -64.3 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 438.1 | 999.9 | 99.9 | 99.9 | 92.1 | 86.0 |
| 99.9 | 99.9 | 99.9 | 50.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
** BY TEMP MEANS MISSING DATA STRUTUM FYCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 102
POST, TEXAS
25 APRIL 1982
505 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | 134 | 51.0 | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|------|------|-------------|----------|
| 0.0 | 14.8 | 772.0 | 917.6 | 16.8 | 3.1 | 240.0 | 2.6 | 2.3 | 1.3 | 297.2 | 311.6 | 5.2 | 40.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.5 | 16.6 | 937.5 | 900.0 | 19.0 | -0.0 | 256.5 | 17.4 | 16.9 | 4.1 | 301.1 | 313.2 | 4.2 | 27.8 | 0.4 | 0.4 | 57.0 | 57.0 |
| 1.3 | 19.1 | 1179.7 | 875.0 | 20.1 | -3.0 | 261.1 | 17.3 | 17.1 | 4.1 | 304.7 | 314.9 | 3.5 | 27.8 | 0.4 | 0.4 | 57.0 | 57.0 |
| 2.0 | 21.7 | 1428.2 | 852.0 | 17.6 | -3.6 | 265.6 | 16.2 | 16.1 | 1.2 | 304.6 | 314.7 | 3.5 | 27.8 | 0.4 | 0.4 | 57.0 | 57.0 |
| 2.7 | 24.2 | 1682.0 | 825.0 | 15.5 | -3.9 | 269.1 | 16.8 | 16.8 | 1.2 | 305.0 | 315.1 | 3.5 | 27.8 | 0.4 | 0.4 | 57.0 | 57.0 |
| 3.7 | 26.9 | 1941.5 | 800.0 | 13.2 | -4.7 | 274.2 | 18.7 | 18.7 | 0.3 | 305.3 | 315.2 | 3.4 | 27.8 | 0.4 | 0.4 | 57.0 | 57.0 |
| 4.6 | 29.4 | 2207.3 | 775.0 | 11.0 | -5.6 | 274.2 | 19.1 | 19.1 | -1.4 | 305.6 | 315.2 | 3.2 | 27.8 | 0.4 | 0.4 | 57.0 | 57.0 |
| 5.5 | 31.9 | 2479.7 | 750.0 | 8.8 | -6.2 | 274.2 | 20.2 | 20.0 | -2.5 | 306.1 | 315.2 | 3.2 | 27.8 | 0.4 | 0.4 | 57.0 | 57.0 |
| 6.4 | 34.6 | 2759.0 | 725.0 | 6.2 | -7.4 | 283.9 | 18.1 | 17.8 | -4.3 | 306.3 | 315.3 | 3.0 | 27.8 | 0.4 | 0.4 | 57.0 | 57.0 |
| 7.5 | 37.3 | 3045.2 | 700.0 | 3.2 | -8.9 | 284.6 | 18.2 | 17.9 | -4.7 | 306.2 | 315.3 | 3.1 | 27.8 | 0.4 | 0.4 | 57.0 | 57.0 |
| 8.6 | 40.0 | 3338.6 | 675.0 | 0.5 | -10.2 | 279.3 | 17.2 | 17.0 | -4.5 | 306.2 | 315.3 | 2.2 | 27.8 | 0.4 | 0.4 | 57.0 | 57.0 |
| 9.9 | 42.8 | 3640.3 | 650.0 | -2.1 | -13.0 | 274.9 | 16.9 | 16.8 | -4.4 | 306.6 | 315.0 | 2.8 | 27.8 | 0.4 | 0.4 | 57.0 | 57.0 |
| 11.1 | 45.7 | 3950.5 | 625.0 | -5.1 | -17.8 | 274.0 | 17.9 | 17.8 | -4.4 | 307.2 | 314.4 | 2.4 | 27.8 | 0.4 | 0.4 | 57.0 | 57.0 |
| 12.3 | 48.5 | 4299.9 | 600.0 | -7.7 | -18.4 | 273.9 | 18.1 | 18.0 | -4.4 | 307.2 | 312.9 | 1.6 | 27.8 | 0.4 | 0.4 | 57.0 | 57.0 |
| 13.5 | 51.4 | 4599.9 | 575.0 | -10.4 | -22.3 | 271.3 | 19.9 | 19.8 | -4.4 | 309.7 | 313.6 | 1.2 | 27.8 | 0.4 | 0.4 | 57.0 | 57.0 |
| 14.8 | 54.4 | 4940.1 | 550.0 | -13.4 | -28.7 | 267.5 | 20.1 | 20.1 | 0.9 | 311.4 | 313.8 | 0.7 | 27.8 | 0.4 | 0.4 | 57.0 | 57.0 |
| 16.3 | 57.3 | 5292.7 | 525.0 | -17.7 | -32.4 | 267.1 | 20.6 | 20.6 | 1.0 | 311.9 | 313.7 | 0.5 | 27.8 | 0.4 | 0.4 | 57.0 | 57.0 |
| 18.9 | 63.4 | 6041.1 | 500.0 | -21.0 | -34.5 | 269.8 | 19.3 | 19.3 | 0.1 | 312.7 | 314.2 | 0.4 | 27.8 | 0.4 | 0.4 | 57.0 | 57.0 |
| 21.4 | 68.7 | 6437.7 | 475.0 | -24.3 | -38.0 | 270.6 | 19.8 | 19.8 | -0.2 | 313.4 | 314.5 | 0.3 | 27.8 | 0.4 | 0.4 | 57.0 | 57.0 |
| 22.8 | 69.9 | 6851.4 | 450.0 | -27.8 | -45.7 | 274.1 | 19.7 | 19.6 | -1.4 | 314.0 | 314.6 | 0.2 | 27.8 | 0.4 | 0.4 | 57.0 | 57.0 |
| 24.4 | 73.3 | 7283.6 | 425.0 | -31.5 | -47.8 | 277.2 | 22.5 | 22.3 | -2.8 | 314.5 | 317.6 | 0.1 | 27.8 | 0.4 | 0.4 | 57.0 | 57.0 |
| 26.0 | 78.9 | 7739.4 | 375.0 | -35.6 | -51.9 | 270.6 | 21.9 | 21.9 | -0.2 | 317.3 | 317.6 | 0.1 | 27.8 | 0.4 | 0.4 | 57.0 | 57.0 |
| 27.3 | 80.4 | 8214.0 | 350.0 | -38.1 | -51.9 | 270.6 | 21.9 | 21.9 | 2.5 | 320.6 | 317.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 29.4 | 84.1 | 8721.3 | 325.0 | -40.7 | 99.9 | 264.1 | 24.6 | 24.5 | 0.5 | 324.6 | 317.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 31.8 | 87.5 | 9253.1 | 300.0 | -43.1 | 99.9 | 269.1 | 31.8 | 31.7 | -0.1 | 327.1 | 317.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 33.9 | 92.0 | 9845.0 | 275.0 | -47.1 | 99.9 | 270.3 | 25.0 | 25.0 | 2.6 | 330.6 | 317.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 36.3 | 96.2 | 10471.1 | 250.0 | -50.8 | 99.9 | 284.5 | 26.9 | 26.9 | 1.9 | 339.7 | 317.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 38.9 | 100.8 | 11158.0 | 225.0 | -51.4 | 99.9 | 286.0 | 26.5 | 26.4 | 1.4 | 347.5 | 317.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 41.7 | 105.6 | 11916.8 | 200.0 | -53.8 | 99.9 | 285.7 | 25.1 | 24.3 | 6.2 | 359.4 | 317.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 44.2 | 110.8 | 12772.7 | 175.0 | -54.9 | 99.9 | 285.2 | 23.1 | 23.0 | 1.7 | 371.8 | 317.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 47.8 | 116.5 | 13753.5 | 150.0 | -57.1 | 99.9 | 286.2 | 23.1 | 23.0 | 1.5 | 394.1 | 317.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 52.4 | 122.0 | 14911.2 | 125.0 | -55.7 | 99.9 | 282.9 | 27.6 | 27.4 | 3.4 | 421.3 | 317.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 58.0 | 130.0 | 16337.1 | 100.0 | -64.0 | 99.9 | 280.4 | 21.8 | 21.5 | 99.9 | 435.8 | 317.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 63.9 | 138.3 | 18128.6 | 75.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 50.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
 ** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 232
BOOTHVILLE, LOUISIANA
24 APRIL 1982
1415 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTD GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 4.1 | 1.0 | 1019.3 | 21.3 | 17.5 | 100.0 | 5.2 | -5.1 | 0.9 | 292.9 | 325.1 | 12.5 | 79.0 | 0.0 | 0 |
| 0.5 | 6.0 | 166.7 | 1000.0 | 19.8 | 18.5 | 131.1 | 4.0 | -3.0 | 2.6 | 293.4 | 327.8 | 13.5 | 91.9 | 0.5 | 239 |
| 1.3 | 8.5 | 384.9 | 975.0 | 18.1 | 16.5 | 114.7 | 9.5 | -8.7 | 4.0 | 293.0 | 325.0 | 12.2 | 90.1 | 0.5 | 266 |
| 2.0 | 11.1 | 607.4 | 950.0 | 16.4 | 15.3 | 108.4 | 10.7 | -10.2 | 3.4 | 293.8 | 324.0 | 11.6 | 93.1 | 1.0 | 278 |
| 2.9 | 13.6 | 834.6 | 925.0 | 14.9 | 13.7 | 115.8 | 8.9 | -8.0 | 3.9 | 294.5 | 322.7 | 10.7 | 92.4 | 1.6 | 282 |
| 3.8 | 16.3 | 1066.7 | 900.0 | 13.7 | 12.4 | 118.0 | 5.4 | -4.8 | 2.6 | 295.7 | 322.4 | 10.1 | 91.6 | 1.9 | 285 |
| 4.8 | 18.9 | 1304.2 | 875.0 | 12.4 | 11.4 | 127.9 | 3.8 | -3.0 | 2.3 | 296.6 | 322.5 | 9.7 | 93.9 | 2.2 | 287 |
| 6.0 | 21.4 | 1547.5 | 850.0 | 11.0 | 9.9 | 178.0 | 2.4 | -1.0 | 2.4 | 297.7 | 322.1 | 9.1 | 93.2 | 2.3 | 290 |
| 7.8 | 24.1 | 1796.7 | 825.0 | 10.1 | 8.3 | 202.8 | 2.5 | 1.0 | 2.3 | 299.3 | 322.0 | 8.4 | 88.9 | 2.3 | 293 |
| 8.8 | 26.8 | 2053.2 | 800.0 | 9.9 | 3.9 | 259.7 | 1.6 | 1.6 | 0.3 | 301.7 | 319.4 | 6.4 | 66.3 | 2.2 | 296 |
| 9.7 | 29.6 | 2316.9 | 775.0 | 9.1 | -0.7 | 261.5 | 1.8 | 1.8 | 0.3 | 303.6 | 317.5 | 4.9 | 52.2 | 2.2 | 298 |
| 10.7 | 32.3 | 2588.0 | 750.0 | 7.5 | -0.7 | 254.7 | 3.6 | 3.5 | 0.9 | 304.7 | 318.6 | 4.9 | 56.3 | 2.1 | 298 |
| 11.8 | 35.1 | 2866.5 | 725.0 | 5.7 | -1.0 | 235.8 | 5.6 | 4.7 | 3.2 | 305.7 | 319.8 | 4.9 | 61.9 | 2.0 | 305 |
| 13.0 | 40.9 | 3449.5 | 700.0 | 4.7 | -1.6 | 226.9 | 5.8 | 4.3 | 4.0 | 307.7 | 321.8 | 4.9 | 63.6 | 1.9 | 315 |
| 13.0 | 40.9 | 3449.5 | 675.0 | 3.3 | -5.8 | 228.8 | 7.3 | 5.5 | 4.8 | 309.3 | 320.2 | 3.7 | 51.2 | 2.0 | 329 |
| 15.2 | 46.8 | 3754.6 | 650.0 | 0.5 | -5.7 | 233.1 | 7.6 | 6.1 | 4.6 | 310.1 | 321.5 | 3.9 | 61.0 | 2.1 | 344 |
| 16.4 | 49.9 | 4069.1 | 625.0 | -0.5 | -5.3 | 239.7 | 7.4 | 6.4 | 3.8 | 311.9 | 317.7 | 3.1 | 69.4 | 2.3 | 356 |
| 17.7 | 53.0 | 4394.0 | 600.0 | -3.1 | -7.2 | 252.8 | 7.8 | 7.4 | 2.5 | 312.5 | 323.7 | 3.7 | 73.7 | 2.5 | 7 |
| 19.0 | 56.1 | 4729.7 | 575.0 | -5.5 | -10.2 | 255.9 | 10.4 | 10.1 | 2.5 | 313.5 | 322.8 | 3.1 | 84.4 | 2.8 | 19 |
| 20.3 | 59.4 | 5078.0 | 550.0 | -7.1 | -9.3 | 257.6 | 14.6 | 14.3 | 3.1 | 315.7 | 326.3 | 3.5 | 84.4 | 3.5 | 34 |
| 21.7 | 62.7 | 5440.3 | 525.0 | -8.6 | -15.9 | 260.7 | 15.4 | 15.2 | 2.5 | 318.1 | 324.8 | 2.1 | 55.9 | 4.4 | 44 |
| 23.1 | 66.1 | 5816.8 | 500.0 | -11.2 | -21.3 | 258.1 | 15.4 | 15.1 | 3.2 | 319.4 | 323.9 | 2.2 | 43.0 | 5.5 | 53 |
| 24.6 | 69.6 | 6208.9 | 475.0 | -13.0 | -16.5 | 247.0 | 16.3 | 15.0 | 6.4 | 321.9 | 329.7 | 2.2 | 74.5 | 5.5 | 58 |
| 26.3 | 73.1 | 6620.3 | 450.0 | -14.9 | -21.3 | 251.4 | 17.2 | 16.3 | 5.5 | 324.5 | 329.7 | 1.5 | 57.9 | 8.3 | 58 |
| 27.8 | 76.8 | 7050.5 | 425.0 | -18.2 | -23.6 | 261.6 | 19.4 | 18.3 | 1.8 | 325.7 | 330.2 | 1.3 | 62.1 | 9.9 | 62 |
| 29.5 | 80.6 | 7500.0 | 400.0 | -22.4 | -27.6 | 268.3 | 21.9 | 21.9 | 0.6 | 325.9 | 329.2 | 1.0 | 62.4 | 11.7 | 66 |
| 31.4 | 84.5 | 7971.5 | 375.0 | -25.6 | -31.5 | 268.7 | 24.1 | 24.1 | 4.8 | 327.8 | 330.3 | 0.7 | 57.1 | 14.0 | 69 |
| 33.1 | 88.5 | 8468.8 | 350.0 | -29.1 | -35.7 | 252.2 | 26.2 | 24.9 | 8.0 | 329.5 | 331.4 | 0.5 | 52.6 | 16.8 | 70 |
| 35.1 | 92.8 | 8954.0 | 325.0 | -33.0 | -39.6 | 253.5 | 26.9 | 25.8 | 7.7 | 331.2 | 332.6 | 0.4 | 51.0 | 19.6 | 70 |
| 37.3 | 97.2 | 10140.9 | 300.0 | -38.9 | -45.3 | 255.2 | 28.0 | 27.1 | 7.2 | 330.5 | 331.3 | 0.2 | 50.2 | 22.8 | 71 |
| 39.3 | 101.8 | 10774.0 | 275.0 | -44.9 | -51.9 | 257.9 | 29.8 | 28.6 | 8.5 | 331.4 | 330.9 | 99.9 | 99.9 | 26.3 | 71 |
| 41.5 | 106.6 | 11460.1 | 250.0 | -48.9 | -58.9 | 256.5 | 32.1 | 30.9 | 6.6 | 333.4 | 333.4 | 99.9 | 99.9 | 30.3 | 72 |
| 44.2 | 111.8 | 12210.3 | 225.0 | -53.1 | -64.9 | 258.8 | 30.5 | 31.3 | 7.5 | 337.1 | 337.1 | 99.9 | 99.9 | 34.7 | 73 |
| 46.9 | 117.2 | 13044.0 | 200.0 | -58.2 | -70.9 | 262.6 | 28.9 | 29.9 | 5.9 | 340.7 | 339.9 | 99.9 | 99.9 | 39.8 | 73 |
| 50.1 | 123.0 | 14001.5 | 175.0 | -62.2 | -76.9 | 261.7 | 26.7 | 26.7 | 3.5 | 347.3 | 339.9 | 99.9 | 99.9 | 44.1 | 74 |
| 54.0 | 129.2 | 15135.1 | 150.0 | -60.9 | -74.9 | 263.9 | 32.1 | 31.8 | 4.6 | 365.2 | 339.9 | 99.9 | 99.9 | 49.7 | 75 |
| 58.5 | 136.0 | 16510.0 | 100.0 | -61.6 | -79.9 | 265.6 | 27.3 | 27.2 | 2.9 | 383.4 | 339.9 | 99.9 | 99.9 | 56.8 | 76 |
| 64.1 | 143.2 | 18247.1 | 75.0 | -64.6 | -84.9 | 265.0 | 17.0 | 16.9 | 1.3 | 402.9 | 339.9 | 99.9 | 99.9 | 62.6 | 77 |
| 71.8 | 151.3 | 20737.0 | 50.0 | -67.0 | -89.9 | 258.0 | 9.5 | 9.3 | 2.0 | 432.4 | 339.9 | 99.9 | 99.9 | 66.9 | 77 |
| 99.9 | 99.9 | 99.9 | 25.0 | -60.5 | -99.9 | 99.9 | 4.7 | -0.2 | -4.7 | 501.0 | 339.9 | 99.9 | 99.9 | 68.1 | 77 |
| 99.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE 19
OF POOR QUALITY

STATION NO. 232
BOOTHVILLE, LOUISIANA
24 APRIL 1982
1715 GMT

| TIME MIN | CNTOT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 4.9 | 1.0 | 1018.6 | 22.1 | 18.5 | 100.0 | 8.8 | -8.7 | 1.5 | 293.7 | 328.1 | 13.3 | 80.2 | 0.0 | 0 |
| 0.5 | 6.3 | 160.8 | 1000.0 | 20.4 | 16.7 | 90.8 | 12.0 | -12.0 | 0.2 | 293.5 | 329.1 | 13.3 | 90.2 | 0.5 | 279 |
| 1.4 | 8.4 | 379.8 | 975.0 | 19.0 | 16.6 | 96.8 | 10.8 | -10.7 | 0.3 | 294.3 | 329.1 | 13.4 | 93.7 | 1.0 | 274 |
| 2.3 | 10.4 | 603.3 | 950.0 | 17.6 | 16.6 | 111.6 | 9.6 | -8.9 | 3.5 | 295.0 | 327.9 | 12.6 | 93.9 | 1.6 | 278 |
| 3.1 | 12.6 | 831.3 | 925.0 | 15.9 | 14.9 | 114.8 | 9.0 | -8.2 | 3.8 | 295.6 | 326.1 | 11.8 | 92.4 | 2.0 | 281 |
| 4.0 | 14.7 | 1084.4 | 900.0 | 14.6 | 13.4 | 126.7 | 8.4 | -6.8 | 5.0 | 296.6 | 325.2 | 10.8 | 92.6 | 2.5 | 285 |
| 4.9 | 16.9 | 1302.8 | 875.0 | 13.5 | 11.9 | 141.1 | 6.8 | -4.3 | 5.3 | 297.8 | 324.7 | 10.1 | 90.5 | 2.8 | 289 |
| 5.7 | 19.2 | 1547.2 | 850.0 | 12.3 | 10.6 | 155.4 | 5.1 | -2.1 | 4.7 | 299.0 | 324.6 | 9.5 | 88.6 | 3.1 | 292 |
| 6.6 | 21.4 | 1797.3 | 825.0 | 10.4 | 8.6 | 174.7 | 4.5 | -0.4 | 4.5 | 299.6 | 322.5 | 8.5 | 88.9 | 3.2 | 295 |
| 7.6 | 23.7 | 2053.7 | 800.0 | 9.7 | 6.5 | 200.7 | 3.4 | 1.2 | 3.2 | 301.3 | 322.5 | 7.6 | 80.7 | 3.3 | 299 |
| 8.6 | 26.0 | 2317.8 | 775.0 | 9.8 | 1.5 | 207.8 | 3.6 | 1.7 | 3.2 | 304.3 | 320.0 | 5.5 | 58.4 | 3.3 | 303 |
| 9.7 | 28.4 | 2589.6 | 750.0 | 7.8 | -0.6 | 219.9 | 3.6 | 3.1 | 3.7 | 305.1 | 320.6 | 4.9 | 55.2 | 3.3 | 308 |
| 10.9 | 30.8 | 2888.4 | 725.0 | 5.8 | -0.3 | 222.0 | 4.9 | 4.4 | 4.9 | 305.8 | 320.6 | 5.1 | 64.7 | 3.3 | 315 |
| 12.1 | 33.3 | 3155.0 | 700.0 | 3.9 | -0.9 | 226.1 | 9.3 | 6.7 | 6.4 | 306.8 | 321.0 | 4.6 | 70.8 | 3.4 | 324 |
| 13.1 | 35.8 | 3450.3 | 675.0 | 2.5 | -2.8 | 231.2 | 10.8 | 7.2 | 7.7 | 308.5 | 322.0 | 4.6 | 67.8 | 3.4 | 334 |
| 14.4 | 38.4 | 3755.2 | 650.0 | 1.4 | -5.6 | 211.2 | 10.8 | 5.6 | 9.2 | 310.5 | 322.7 | 3.9 | 60.0 | 3.5 | 345 |
| 15.5 | 41.0 | 4069.8 | 625.0 | -1.2 | -5.0 | 209.3 | 10.4 | 5.1 | 9.1 | 311.1 | 323.7 | 4.2 | 75.2 | 3.9 | 351 |
| 16.7 | 43.6 | 4394.9 | 600.0 | -3.1 | -6.7 | 218.0 | 9.6 | 7.8 | 7.6 | 312.6 | 324.2 | 3.9 | 75.1 | 4.5 | 356 |
| 18.0 | 46.1 | 4731.2 | 575.0 | -4.8 | -8.8 | 229.9 | 10.2 | 7.8 | 6.5 | 314.4 | 324.8 | 3.4 | 73.4 | 5.0 | 362 |
| 19.3 | 48.1 | 5079.8 | 550.0 | -6.9 | -11.5 | 234.1 | 10.6 | 8.6 | 6.2 | 315.9 | 324.8 | 2.9 | 70.0 | 5.6 | 368 |
| 20.6 | 50.0 | 5441.4 | 525.0 | -9.4 | -13.0 | 238.7 | 12.8 | 10.9 | 6.6 | 317.2 | 325.5 | 2.7 | 75.0 | 6.1 | 374 |
| 22.0 | 52.0 | 5817.6 | 500.0 | -11.0 | -15.0 | 241.2 | 15.7 | 13.7 | 6.5 | 319.7 | 325.5 | 1.3 | 75.0 | 6.7 | 380 |
| 23.3 | 54.0 | 6210.8 | 475.0 | -12.7 | -18.3 | 247.9 | 17.2 | 16.0 | 6.5 | 322.3 | 328.0 | 1.9 | 62.7 | 7.6 | 386 |
| 24.8 | 56.1 | 6621.9 | 450.0 | -15.0 | -22.7 | 251.3 | 17.6 | 16.7 | 5.6 | 324.4 | 329.0 | 1.4 | 51.5 | 8.8 | 392 |
| 26.4 | 58.4 | 7052.2 | 425.0 | -17.9 | -25.0 | 253.2 | 17.2 | 16.5 | 5.0 | 326.1 | 330.1 | 1.2 | 53.2 | 9.8 | 398 |
| 28.0 | 60.7 | 7502.6 | 400.0 | -21.3 | -27.9 | 251.4 | 18.1 | 17.1 | 5.8 | 327.3 | 330.5 | 1.0 | 53.2 | 11.2 | 404 |
| 29.7 | 62.7 | 7975.3 | 375.0 | -25.2 | -32.5 | 253.7 | 21.2 | 20.3 | 5.9 | 328.2 | 330.5 | 0.7 | 50.5 | 12.5 | 410 |
| 31.5 | 64.9 | 8472.1 | 350.0 | -29.3 | -36.2 | 256.4 | 24.5 | 23.8 | 5.7 | 329.3 | 330.5 | 0.5 | 51.0 | 14.3 | 416 |
| 33.3 | 67.6 | 8997.1 | 325.0 | -33.5 | -37.5 | 251.6 | 27.9 | 26.5 | 8.8 | 330.5 | 331.0 | 0.5 | 51.0 | 16.5 | 422 |
| 35.3 | 70.6 | 9553.6 | 300.0 | -38.3 | -45.8 | 250.4 | 30.6 | 28.9 | 10.3 | 331.5 | 332.2 | 0.2 | 44.6 | 19.1 | 428 |
| 37.2 | 73.7 | 10145.2 | 275.0 | -43.6 | -49.9 | 250.1 | 32.1 | 30.2 | 10.9 | 332.2 | 332.2 | 0.2 | 44.6 | 22.4 | 434 |
| 39.3 | 76.7 | 10780.5 | 250.0 | -47.9 | -54.3 | 250.1 | 34.6 | 31.0 | 11.8 | 334.9 | 334.9 | 99.9 | 44.6 | 26.1 | 440 |
| 41.4 | 79.8 | 11485.9 | 225.0 | -54.3 | -59.9 | 252.4 | 32.6 | 29.7 | 9.8 | 335.4 | 334.9 | 99.9 | 44.6 | 30.2 | 446 |
| 43.9 | 82.8 | 12210.5 | 200.0 | -59.8 | -64.4 | 252.5 | 30.4 | 29.4 | 6.6 | 338.4 | 334.9 | 99.9 | 44.6 | 34.4 | 452 |
| 46.6 | 85.8 | 13040.0 | 175.0 | -62.4 | -69.9 | 255.9 | 30.4 | 29.4 | 7.4 | 347.0 | 334.9 | 99.9 | 44.6 | 39.1 | 458 |
| 49.6 | 88.8 | 13998.7 | 150.0 | -69.5 | -75.9 | 257.7 | 28.8 | 28.1 | 6.1 | 367.6 | 334.9 | 99.9 | 44.6 | 43.6 | 464 |
| 53.3 | 91.8 | 15134.1 | 125.0 | -82.3 | -89.9 | 256.6 | 30.2 | 29.4 | 7.0 | 382.3 | 334.9 | 99.9 | 44.6 | 49.1 | 470 |
| 57.5 | 94.8 | 16499.4 | 100.0 | -85.1 | -99.9 | 259.0 | 17.3 | 17.0 | 3.3 | 402.0 | 334.9 | 99.9 | 44.6 | 55.6 | 476 |
| 62.6 | 97.8 | 18227.4 | 75.0 | -88.2 | -99.9 | 256.2 | 9.7 | 9.4 | 2.3 | 430.0 | 334.9 | 99.9 | 44.6 | 61.5 | 482 |
| 70.1 | 100.8 | 20720.7 | 50.0 | -90.6 | -99.9 | 343.8 | 3.0 | 0.8 | 2.8 | 500.8 | 334.9 | 99.9 | 44.6 | 67.4 | 488 |
| 82.0 | 154.0 | 25142.5 | 25.0 | -50.0 | -99.9 | 175.4 | 3.3 | -0.3 | 3.2 | 641.0 | 334.9 | 99.9 | 44.6 | 66.2 | 494 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
 ** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

STATION NO 232
BOOTHVILLE, LOUISIANA
24 APRIL 1982
2015 GMT

| TIME MIN | QNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE FM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 4.8 | 1.0 | 1016.6 | 19.7 | 18.9 | 130.0 | 6.7 | -5.1 | 4.3 | 291.5 | 326.4 | 13.7 | 95.0 | 0.0 | 0.0 |
| 0.5 | 6.2 | 142.7 | 1000.0 | 18.8 | 17.8 | 89.4 | 10.7 | -10.1 | -0.1 | 291.9 | 325.2 | 13.0 | 92.9 | 0.5 | 294.0 |
| 1.5 | 8.3 | 360.4 | 975.0 | 18.0 | 6.1 | 106.3 | 12.7 | -12.2 | 3.6 | 293.3 | 312.9 | 7.5 | 55.3 | 1.1 | 285.0 |
| 2.5 | 10.4 | 582.3 | 950.0 | 17.0 | 8.6 | 116.2 | 13.6 | -12.2 | 6.0 | 294.4 | 314.3 | 7.4 | 57.8 | 1.9 | 288.0 |
| 3.5 | 12.6 | 809.6 | 925.0 | 15.9 | 9.2 | 124.4 | 12.9 | -10.6 | 7.3 | 295.5 | 316.7 | 7.9 | 64.5 | 2.7 | 292.0 |
| 4.5 | 14.8 | 1042.2 | 900.0 | 14.9 | 8.4 | 127.1 | 12.2 | -9.7 | 7.3 | 296.8 | 317.7 | 7.7 | 65.3 | 3.4 | 295.0 |
| 5.4 | 17.0 | 1280.2 | 875.0 | 13.6 | 7.1 | 128.6 | 10.5 | -8.2 | 6.6 | 297.9 | 317.7 | 7.3 | 64.8 | 4.1 | 297.0 |
| 6.6 | 19.3 | 1524.4 | 850.0 | 12.5 | 8.1 | 134.9 | 8.4 | -6.0 | 5.9 | 299.2 | 321.0 | 8.0 | 74.8 | 4.7 | 299.0 |
| 7.8 | 21.5 | 1774.8 | 825.0 | 11.2 | 7.4 | 151.8 | 8.4 | -4.0 | 7.4 | 300.5 | 322.0 | 7.9 | 77.4 | 5.2 | 301.0 |
| 8.9 | 23.8 | 2031.6 | 800.0 | 9.8 | 5.7 | 170.2 | 10.0 | -1.7 | 9.8 | 301.6 | 321.6 | 7.2 | 75.8 | 5.7 | 305.0 |
| 9.9 | 26.2 | 2295.3 | 775.0 | 8.5 | 4.4 | 172.9 | 11.8 | -1.5 | 11.7 | 303.0 | 322.0 | 6.8 | 75.5 | 6.2 | 310.0 |
| 10.8 | 28.6 | 2566.2 | 750.0 | 6.9 | 2.9 | 178.7 | 13.0 | -0.3 | 13.0 | 304.1 | 321.8 | 6.3 | 75.4 | 6.6 | 314.0 |
| 11.7 | 31.0 | 2844.1 | 725.0 | 4.8 | 1.2 | 185.2 | 12.9 | 0.8 | 12.8 | 304.7 | 321.1 | 5.8 | 77.4 | 7.1 | 318.0 |
| 12.5 | 33.4 | 3130.2 | 700.0 | 3.2 | -0.4 | 183.6 | 12.8 | 0.8 | 12.8 | 306.1 | 321.3 | 5.3 | 77.2 | 7.6 | 322.0 |
| 13.4 | 35.9 | 3424.8 | 675.0 | 2.0 | -1.2 | 186.6 | 10.2 | 1.2 | 10.1 | 307.6 | 323.8 | 4.9 | 79.4 | 8.1 | 325.0 |
| 14.9 | 38.4 | 3729.1 | 650.0 | 0.5 | -2.6 | 199.9 | 99.9 | 99.9 | 99.9 | 309.9 | 323.8 | 99.9 | 99.9 | 99.9 | 99.9 |
| 15.9 | 39.9 | 399.9 | 625.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 16.9 | 39.9 | 99.9 | 600.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 17.9 | 39.9 | 99.9 | 575.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 18.9 | 39.9 | 99.9 | 550.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 19.9 | 39.9 | 99.9 | 525.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 20.9 | 39.9 | 99.9 | 500.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 21.9 | 39.9 | 99.9 | 475.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 22.9 | 39.9 | 99.9 | 450.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 23.9 | 39.9 | 99.9 | 425.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 24.9 | 39.9 | 99.9 | 400.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 25.9 | 39.9 | 99.9 | 375.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 26.9 | 39.9 | 99.9 | 350.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 27.9 | 39.9 | 99.9 | 325.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 28.9 | 39.9 | 99.9 | 300.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 29.9 | 39.9 | 99.9 | 275.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 30.9 | 39.9 | 99.9 | 250.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 31.9 | 39.9 | 99.9 | 225.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 32.9 | 39.9 | 99.9 | 200.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 33.9 | 39.9 | 99.9 | 175.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 34.9 | 39.9 | 99.9 | 150.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 35.9 | 39.9 | 99.9 | 125.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 36.9 | 39.9 | 99.9 | 100.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 37.9 | 39.9 | 99.9 | 75.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 38.9 | 39.9 | 99.9 | 50.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 39.9 | 39.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

ORIGINAL PAGE 17
OF POOR QUALITY

STATION NO. 232
BOOTHVILLE, LOUISIANA
25 APRIL 1982
228 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RIO CM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 4.9 | 1.0 | 1014.0 | 20.3 | 19.1 | 160.0 | 6.2 | -2.1 | 5.8 | 292.3 | 328.0 | 13.9 | 93.0 | 0.0 | 0 |
| 0.4 | 6.2 | 121.3 | 1000.0 | 21.0 | 19.9 | 999.9 | 99.9 | 99.9 | 99.9 | 294.1 | 332.4 | 14.6 | 93.8 | 999.9 | 999 |
| 1.1 | 8.5 | 341.3 | 975.0 | 20.2 | 19.2 | 999.9 | 99.9 | 99.9 | 99.9 | 295.5 | 333.4 | 14.6 | 94.0 | 999.9 | 999 |
| 1.9 | 10.7 | 568.0 | 950.0 | 19.3 | 18.3 | 999.9 | 99.9 | 99.9 | 99.9 | 296.8 | 333.7 | 14.1 | 93.9 | 1.7 | 303 |
| 2.7 | 13.1 | 795.9 | 925.0 | 18.3 | 17.2 | 138.9 | 15.0 | -9.8 | 11.3 | 298.1 | 333.6 | 13.5 | 93.0 | 2.5 | 306 |
| 3.5 | 15.5 | 1031.0 | 900.0 | 16.8 | 15.6 | 149.5 | 14.6 | -7.4 | 12.6 | 298.8 | 331.9 | 12.5 | 92.3 | 3.1 | 310 |
| 4.4 | 17.9 | 1271.2 | 875.0 | 15.4 | 13.2 | 157.3 | 14.4 | -5.5 | 13.2 | 298.8 | 329.2 | 11.0 | 92.7 | 3.8 | 315 |
| 5.3 | 20.3 | 1517.3 | 850.0 | 14.2 | 10.3 | 163.1 | 12.7 | -3.9 | 12.8 | 301.0 | 326.2 | 9.2 | 91.4 | 4.5 | 319 |
| 6.1 | 22.8 | 1769.2 | 825.0 | 12.9 | 7.8 | 169.3 | 12.6 | -2.3 | 12.4 | 302.3 | 324.6 | 8.1 | 91.2 | 5.1 | 322 |
| 7.1 | 25.3 | 2027.8 | 800.0 | 11.1 | 8.8 | 178.7 | 12.6 | -0.3 | 12.6 | 302.9 | 324.6 | 8.1 | 91.2 | 5.1 | 322 |
| 8.0 | 27.7 | 2292.5 | 775.0 | 9.2 | 7.2 | 182.3 | 14.0 | 0.6 | 14.0 | 303.7 | 326.6 | 8.1 | 91.2 | 5.1 | 322 |
| 9.1 | 30.4 | 2564.4 | 750.0 | 7.7 | 6.4 | 188.2 | 14.9 | 2.1 | 14.8 | 305.0 | 327.5 | 8.1 | 91.2 | 5.1 | 322 |
| 10.0 | 33.0 | 2843.6 | 725.0 | 6.0 | 4.9 | 194.0 | 15.3 | 3.7 | 14.8 | 306.0 | 327.2 | 7.5 | 91.2 | 5.1 | 322 |
| 11.0 | 35.6 | 3130.8 | 700.0 | 4.3 | 3.2 | 201.0 | 15.7 | 5.5 | 14.7 | 307.2 | 326.8 | 6.9 | 91.2 | 5.1 | 322 |
| 12.1 | 38.2 | 3426.6 | 675.0 | 2.6 | 1.4 | 209.0 | 17.1 | 8.3 | 15.0 | 308.5 | 326.6 | 5.8 | 91.4 | 5.1 | 322 |
| 13.2 | 41.1 | 3731.4 | 650.0 | 0.9 | -0.4 | 216.0 | 18.3 | 10.8 | 14.8 | 310.0 | 326.6 | 5.8 | 91.4 | 5.1 | 322 |
| 14.3 | 43.9 | 4046.5 | 625.0 | -0.4 | -1.7 | 224.2 | 18.9 | 11.7 | 12.1 | 312.0 | 327.8 | 5.8 | 91.4 | 5.1 | 322 |
| 15.5 | 46.7 | 4372.6 | 600.0 | -2.2 | -3.5 | 235.7 | 16.1 | 11.3 | 10.8 | 313.8 | 328.2 | 5.8 | 91.4 | 5.1 | 322 |
| 16.7 | 49.5 | 4710.0 | 575.0 | -4.4 | -7.0 | 249.9 | 14.0 | 11.6 | 7.9 | 314.8 | 328.2 | 5.8 | 91.4 | 5.1 | 322 |
| 17.7 | 52.8 | 5059.0 | 550.0 | -6.8 | -11.4 | 251.0 | 12.8 | 12.0 | 4.4 | 316.9 | 328.2 | 5.8 | 91.4 | 5.1 | 322 |
| 19.0 | 55.6 | 5420.6 | 525.0 | -9.3 | -17.8 | 249.4 | 10.0 | 14.2 | 4.4 | 318.8 | 328.2 | 5.8 | 91.4 | 5.1 | 322 |
| 20.4 | 58.8 | 5795.7 | 500.0 | -12.7 | -25.2 | 249.3 | 8.2 | 15.9 | 5.9 | 322.3 | 328.2 | 5.8 | 91.4 | 5.1 | 322 |
| 21.6 | 62.0 | 6188.2 | 475.0 | -15.9 | -32.8 | 254.3 | 6.5 | 17.1 | 6.5 | 324.8 | 328.2 | 5.8 | 91.4 | 5.1 | 322 |
| 23.0 | 65.4 | 6598.5 | 450.0 | -18.9 | -39.2 | 264.3 | 4.8 | 18.8 | 7.4 | 326.5 | 328.2 | 5.8 | 91.4 | 5.1 | 322 |
| 24.5 | 68.9 | 7026.6 | 425.0 | -22.4 | -45.8 | 264.3 | 3.7 | 20.6 | 8.2 | 328.2 | 328.2 | 5.8 | 91.4 | 5.1 | 322 |
| 25.9 | 72.3 | 7475.1 | 400.0 | -26.5 | -53.0 | 259.0 | 2.4 | 23.6 | 8.2 | 329.6 | 328.2 | 5.8 | 91.4 | 5.1 | 322 |
| 27.4 | 76.0 | 7945.6 | 375.0 | -30.1 | -61.1 | 254.0 | 1.8 | 26.4 | 8.2 | 331.3 | 328.2 | 5.8 | 91.4 | 5.1 | 322 |
| 28.0 | 79.8 | 8440.4 | 350.0 | -34.1 | -69.4 | 258.0 | 1.8 | 29.2 | 8.2 | 333.3 | 328.2 | 5.8 | 91.4 | 5.1 | 322 |
| 29.9 | 83.7 | 8963.9 | 325.0 | -38.4 | -77.9 | 258.0 | 1.8 | 32.0 | 8.2 | 334.6 | 328.2 | 5.8 | 91.4 | 5.1 | 322 |
| 31.8 | 87.8 | 9519.4 | 300.0 | -42.7 | -86.5 | 258.0 | 1.8 | 34.8 | 8.2 | 337.0 | 328.2 | 5.8 | 91.4 | 5.1 | 322 |
| 33.9 | 92.2 | 10112.4 | 275.0 | -47.1 | -95.9 | 258.0 | 1.8 | 37.6 | 8.2 | 339.6 | 328.2 | 5.8 | 91.4 | 5.1 | 322 |
| 36.7 | 97.0 | 10748.9 | 250.0 | -51.2 | -105.2 | 258.0 | 1.8 | 40.4 | 8.2 | 342.1 | 328.2 | 5.8 | 91.4 | 5.1 | 322 |
| 38.6 | 101.6 | 11435.9 | 225.0 | -55.2 | -115.2 | 258.0 | 1.8 | 43.2 | 8.2 | 344.6 | 328.2 | 5.8 | 91.4 | 5.1 | 322 |
| 40.7 | 107.0 | 12183.8 | 200.0 | -59.2 | -125.2 | 258.0 | 1.8 | 46.0 | 8.2 | 347.1 | 328.2 | 5.8 | 91.4 | 5.1 | 322 |
| 42.8 | 112.7 | 13013.6 | 175.0 | -63.3 | -135.2 | 258.0 | 1.8 | 48.8 | 8.2 | 349.6 | 328.2 | 5.8 | 91.4 | 5.1 | 322 |
| 45.4 | 119.0 | 13961.2 | 150.0 | -67.3 | -145.2 | 258.0 | 1.8 | 51.6 | 8.2 | 352.1 | 328.2 | 5.8 | 91.4 | 5.1 | 322 |
| 48.4 | 126.0 | 15095.2 | 125.0 | -71.3 | -155.2 | 258.0 | 1.8 | 54.4 | 8.2 | 354.6 | 328.2 | 5.8 | 91.4 | 5.1 | 322 |
| 51.7 | 133.5 | 16460.0 | 100.0 | -75.3 | -165.2 | 258.0 | 1.8 | 57.2 | 8.2 | 357.1 | 328.2 | 5.8 | 91.4 | 5.1 | 322 |
| 56.1 | 141.7 | 18182.5 | 75.0 | -79.3 | -175.2 | 258.0 | 1.8 | 60.0 | 8.2 | 359.6 | 328.2 | 5.8 | 91.4 | 5.1 | 322 |
| 59.9 | 149.9 | 19999.9 | 50.0 | -83.3 | -185.2 | 258.0 | 1.8 | 62.8 | 8.2 | 362.1 | 328.2 | 5.8 | 91.4 | 5.1 | 322 |
| 59.9 | 149.9 | 19999.9 | 25.0 | -87.3 | -195.2 | 258.0 | 1.8 | 65.6 | 8.2 | 364.6 | 328.2 | 5.8 | 91.4 | 5.1 | 322 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 232
BOOTHVILLE, LOUISIANA
25 APRIL 1982
555 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RIO CM/KG | RH PCT | RANGE NM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 5.0 | 1.0 | 1013.4 | 20.4 | 19.2 | 140.0 | 6.2 | -4.0 | 4.7 | 292.4 | 328.4 | 14.0 | 93.0 | 0.0 | 0 |
| 0.4 | 6.3 | 116.7 | 1000.0 | 21.2 | 20.2 | 134.3 | 14.3 | -10.2 | 10.0 | 294.4 | 333.4 | 15.1 | 94.2 | 0.0 | 310 |
| 1.2 | 8.8 | 336.8 | 975.0 | 20.6 | 19.6 | 140.4 | 15.7 | -10.0 | 12.1 | 295.9 | 334.6 | 14.9 | 94.2 | 0.1 | 313 |
| 2.1 | 11.2 | 562.0 | 950.0 | 19.5 | 18.5 | 155.3 | 14.8 | -6.2 | 13.5 | 297.0 | 334.5 | 14.3 | 94.1 | 0.1 | 319 |
| 3.1 | 13.8 | 792.0 | 925.0 | 18.3 | 17.2 | 164.4 | 16.4 | -4.4 | 15.8 | 298.1 | 333.5 | 13.5 | 92.9 | 0.2 | 322 |
| 4.1 | 16.4 | 1027.2 | 900.0 | 16.8 | 15.6 | 170.5 | 15.3 | -2.5 | 15.1 | 298.8 | 331.9 | 12.5 | 92.5 | 0.2 | 326 |
| 5.0 | 19.0 | 1267.5 | 875.0 | 15.4 | 14.1 | 178.8 | 15.3 | -0.3 | 15.3 | 299.8 | 331.0 | 11.7 | 92.2 | 0.2 | 326 |
| 5.9 | 21.6 | 1513.9 | 850.0 | 14.7 | 12.0 | 185.0 | 14.1 | 1.2 | 14.0 | 301.5 | 329.7 | 10.4 | 92.0 | 0.2 | 326 |
| 6.8 | 24.2 | 1766.5 | 825.0 | 13.3 | 10.6 | 188.3 | 13.5 | 1.0 | 13.5 | 302.6 | 329.4 | 9.8 | 91.0 | 0.2 | 326 |
| 7.7 | 26.9 | 2025.3 | 800.0 | 11.5 | 9.6 | 188.3 | 14.0 | 2.0 | 13.9 | 303.4 | 329.3 | 9.4 | 91.0 | 0.2 | 326 |
| 8.4 | 29.7 | 2290.6 | 775.0 | 9.6 | 8.5 | 194.3 | 14.2 | 3.5 | 13.7 | 304.1 | 329.2 | 9.1 | 91.0 | 0.2 | 326 |
| 9.3 | 32.4 | 2562.9 | 750.0 | 8.2 | 7.2 | 203.5 | 14.2 | 5.7 | 13.2 | 305.4 | 327.7 | 8.0 | 87.4 | 0.2 | 326 |
| 10.3 | 35.2 | 2842.7 | 725.0 | 6.4 | 5.0 | 213.6 | 14.5 | 8.0 | 12.1 | 306.5 | 327.8 | 7.6 | 91.0 | 0.2 | 326 |
| 11.2 | 38.1 | 3130.3 | 700.0 | 4.4 | 3.5 | 221.0 | 14.8 | 9.7 | 11.2 | 307.3 | 327.3 | 7.1 | 93.7 | 0.2 | 326 |
| 12.3 | 41.0 | 3426.0 | 675.0 | 2.4 | 1.4 | 226.1 | 14.3 | 10.3 | 10.0 | 308.4 | 326.4 | 6.3 | 93.3 | 0.2 | 326 |
| 13.4 | 43.9 | 3731.1 | 650.0 | 0.4 | -0.7 | 225.8 | 14.4 | 10.3 | 10.0 | 310.5 | 326.7 | 5.6 | 93.3 | 0.2 | 326 |
| 14.6 | 46.9 | 4046.1 | 625.0 | -1.1 | -2.5 | 219.7 | 14.6 | 9.4 | 11.2 | 311.2 | 326.2 | 5.1 | 90.0 | 0.2 | 326 |
| 15.6 | 49.9 | 4371.2 | 600.0 | -2.7 | -3.7 | 219.5 | 14.9 | 9.6 | 11.4 | 313.0 | 327.4 | 4.9 | 92.9 | 0.2 | 326 |
| 16.8 | 53.0 | 4708.4 | 575.0 | -4.0 | -5.0 | 223.9 | 16.3 | 11.3 | 11.7 | 315.3 | 329.1 | 4.6 | 92.5 | 0.2 | 326 |
| 18.1 | 56.1 | 5058.0 | 550.0 | -7.4 | -8.3 | 232.9 | 17.4 | 13.9 | 10.5 | 315.3 | 326.4 | 3.7 | 91.5 | 0.2 | 326 |
| 19.9 | 59.3 | 5418.6 | 525.0 | -10.0 | -17.8 | 235.3 | 20.9 | 17.2 | 11.9 | 316.4 | 322.1 | 1.8 | 53.0 | 0.2 | 326 |
| 21.3 | 62.6 | 5793.7 | 500.0 | -12.1 | -23.4 | 241.8 | 24.8 | 21.9 | 11.7 | 318.4 | 322.1 | 1.2 | 38.0 | 0.2 | 326 |
| 22.5 | 66.0 | 6184.4 | 475.0 | -14.3 | -23.6 | 253.4 | 25.6 | 24.5 | 7.3 | 320.2 | 324.2 | 0.5 | 22.3 | 0.2 | 326 |
| 23.9 | 69.4 | 6593.1 | 450.0 | -16.7 | -23.5 | 263.2 | 26.1 | 26.0 | 3.1 | 322.2 | 324.0 | 0.3 | 22.3 | 0.2 | 326 |
| 25.3 | 73.0 | 7019.6 | 425.0 | -19.8 | -27.0 | 263.8 | 27.1 | 26.9 | 2.9 | 323.6 | 324.6 | 0.4 | 25.6 | 0.2 | 326 |
| 26.7 | 76.6 | 7467.6 | 400.0 | -22.5 | -30.7 | 267.2 | 26.9 | 26.8 | 1.3 | 325.8 | 327.2 | 0.4 | 25.6 | 0.2 | 326 |
| 28.2 | 80.4 | 7938.2 | 375.0 | -25.9 | -35.7 | 268.6 | 28.2 | 28.2 | 0.7 | 327.3 | 328.6 | 0.4 | 28.7 | 0.2 | 326 |
| 29.6 | 84.3 | 8434.3 | 350.0 | -29.4 | -38.7 | 268.6 | 28.2 | 28.2 | 0.7 | 329.2 | 331.0 | 0.4 | 33.6 | 0.2 | 326 |
| 31.2 | 88.3 | 8959.5 | 325.0 | -33.5 | -42.2 | 258.2 | 25.4 | 24.9 | 3.5 | 330.5 | 332.1 | 0.4 | 64.0 | 0.2 | 326 |
| 33.1 | 92.5 | 9516.5 | 300.0 | -37.8 | -42.2 | 265.9 | 27.5 | 27.4 | 2.0 | 332.1 | 333.2 | 0.3 | 62.7 | 0.2 | 326 |
| 35.6 | 96.8 | 10109.2 | 275.0 | -43.2 | 99.9 | 267.3 | 27.8 | 27.8 | 1.3 | 332.7 | 999.9 | 99.9 | 99.9 | 0.2 | 326 |
| 37.9 | 101.5 | 10744.0 | 250.0 | -48.5 | 99.9 | 264.1 | 27.9 | 27.9 | 2.9 | 334.0 | 999.9 | 99.9 | 99.9 | 0.2 | 326 |
| 40.5 | 106.2 | 11428.6 | 225.0 | -54.0 | 99.9 | 261.3 | 34.3 | 33.9 | 5.2 | 335.8 | 999.9 | 99.9 | 99.9 | 0.2 | 326 |
| 43.4 | 111.4 | 12176.2 | 200.0 | -58.1 | 99.9 | 263.6 | 45.3 | 45.0 | 5.1 | 340.8 | 999.9 | 99.9 | 99.9 | 0.2 | 326 |
| 45.9 | 116.8 | 13007.8 | 175.0 | -63.7 | 99.9 | 263.3 | 44.3 | 44.0 | 5.1 | 344.8 | 999.9 | 99.9 | 99.9 | 0.2 | 326 |
| 48.8 | 122.5 | 13950.0 | 150.0 | -63.9 | 99.9 | 258.1 | 36.4 | 35.6 | 7.5 | 360.0 | 999.9 | 99.9 | 99.9 | 0.2 | 326 |
| 52.2 | 128.7 | 15083.6 | 125.0 | -60.5 | 99.9 | 256.3 | 29.8 | 29.0 | 7.1 | 385.4 | 999.9 | 99.9 | 99.9 | 0.2 | 326 |
| 55.5 | 135.5 | 16451.0 | 100.0 | -67.5 | 99.9 | 252.9 | 19.9 | 19.0 | 5.9 | 397.4 | 999.9 | 99.9 | 99.9 | 0.2 | 326 |
| 59.9 | 142.7 | 18173.9 | 75.0 | -67.8 | 99.9 | 248.3 | 10.3 | 9.6 | 3.8 | 430.8 | 999.9 | 99.9 | 99.9 | 0.2 | 326 |
| 66.9 | 150.7 | 20636.5 | 50.0 | -62.6 | 99.9 | 261.6 | 4.1 | 4.1 | 0.6 | 496.1 | 999.9 | 99.9 | 99.9 | 0.2 | 326 |
| 78.3 | 159.0 | 24989.3 | 25.0 | -53.3 | 99.9 | 251.0 | 5.4 | 5.1 | 1.8 | 631.4 | 999.9 | 99.9 | 99.9 | 0.2 | 326 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE 19
OF POOR QUALITY

STATION NO. 235
JACKSON, MISSISSIPPI

24 APRIL 1982
1430 GMT

| TIME MIN | CNCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POI T DG K | E POI T DG K | MX RTO CM/KG | RH PCT | RANGE NM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.5 | 5.3 | 91.0 | 1011.1 | 18.3 | 5.2 | 99.9 | 99.9 | 99.9 | 99.9 | 290.5 | 305.2 | 5.5 | 42.0 | 0.0 | 0 |
| 0.5 | 5.3 | 185.2 | 1000.0 | 18.2 | 5.2 | 99.9 | 99.9 | 99.9 | 99.9 | 289.3 | 300.4 | 4.1 | 35.4 | 0.0 | 0 |
| 1.2 | 8.6 | 399.5 | 975.0 | 14.5 | -1.5 | 99.9 | 99.9 | -6.2 | 5.7 | 289.8 | 299.4 | 3.5 | 33.2 | 999.9 | 999 |
| 2.0 | 10.9 | 618.6 | 950.0 | 13.5 | -3.3 | 8.3 | 8.3 | -5.6 | 6.2 | 290.9 | 304.7 | 5.1 | 50.1 | 0.9 | 311 |
| 2.8 | 13.3 | 842.4 | 925.0 | 11.5 | 1.7 | 143.6 | 6.3 | -3.7 | 5.0 | 291.1 | 303.8 | 4.7 | 50.7 | 1.2 | 314 |
| 3.7 | 15.6 | 1071.0 | 900.0 | 10.0 | 3.5 | 153.3 | 4.5 | -2.0 | 4.1 | 291.8 | 306.5 | 5.5 | 64.1 | 1.5 | 316 |
| 4.5 | 17.9 | 1304.5 | 875.0 | 8.1 | 3.5 | 178.5 | 3.3 | -0.1 | 3.3 | 292.2 | 307.4 | 5.7 | 72.7 | 1.7 | 318 |
| 5.4 | 20.4 | 1543.4 | 850.0 | 6.3 | 4.2 | 217.3 | 2.7 | 1.6 | 2.1 | 292.8 | 307.4 | 6.1 | 86.8 | 1.7 | 321 |
| 6.2 | 22.8 | 1788.0 | 825.0 | 5.8 | -9.0 | 258.8 | 2.7 | 2.7 | 0.4 | 294.7 | 307.4 | 6.1 | 96.8 | 1.7 | 323 |
| 7.1 | 25.3 | 2040.1 | 800.0 | 6.8 | -13.3 | 276.4 | 2.7 | 2.7 | 0.4 | 294.7 | 307.4 | 6.1 | 96.8 | 1.7 | 323 |
| 7.9 | 27.6 | 2300.8 | 775.0 | 6.8 | -13.3 | 276.4 | 2.7 | 2.7 | 0.4 | 294.7 | 307.4 | 6.1 | 96.8 | 1.7 | 323 |
| 8.5 | 30.3 | 2569.5 | 750.0 | 5.2 | -11.3 | 251.5 | 3.3 | 3.1 | 1.0 | 301.2 | 307.3 | 2.1 | 30.5 | 1.7 | 330 |
| 9.9 | 32.8 | 2846.2 | 725.0 | 4.3 | -2.0 | 256.3 | 3.2 | 3.1 | 0.8 | 302.2 | 314.8 | 4.4 | 22.1 | 1.8 | 336 |
| 11.0 | 35.4 | 3131.2 | 700.0 | 2.5 | -3.8 | 234.5 | 4.7 | 3.8 | 0.8 | 305.3 | 315.7 | 4.0 | 22.1 | 1.8 | 336 |
| 12.0 | 38.0 | 3424.2 | 675.0 | 0.4 | -6.1 | 234.5 | 6.9 | 5.4 | 4.2 | 308.1 | 316.3 | 3.3 | 53.1 | 1.7 | 349 |
| 13.2 | 40.7 | 3726.7 | 650.0 | -0.7 | -8.6 | 236.2 | 8.6 | 7.1 | 4.8 | 308.1 | 316.3 | 3.3 | 53.1 | 1.7 | 349 |
| 14.2 | 43.3 | 4038.5 | 625.0 | -3.4 | -17.3 | 236.5 | 9.6 | 8.0 | 5.3 | 308.6 | 313.0 | 1.6 | 28.3 | 1.9 | 358 |
| 15.3 | 46.0 | 4360.0 | 600.0 | -5.2 | -24.9 | 236.5 | 9.6 | 8.0 | 5.3 | 308.6 | 313.0 | 1.6 | 28.3 | 1.9 | 358 |
| 16.5 | 48.9 | 4692.7 | 575.0 | -6.6 | -26.3 | 231.8 | 7.2 | 6.5 | 5.5 | 310.1 | 312.5 | 0.8 | 23.2 | 2.3 | 36 |
| 17.7 | 51.7 | 5030.5 | 550.0 | -8.8 | -28.5 | 221.0 | 8.3 | 4.7 | 5.4 | 312.3 | 312.5 | 0.8 | 23.2 | 2.3 | 36 |
| 19.0 | 54.6 | 5398.8 | 525.0 | -10.2 | -31.4 | 253.8 | 10.3 | 10.5 | 5.1 | 313.6 | 312.5 | 0.8 | 23.2 | 2.3 | 36 |
| 20.4 | 57.6 | 5772.8 | 500.0 | -12.9 | -32.4 | 258.8 | 12.9 | 12.7 | 3.1 | 317.1 | 317.9 | 0.7 | 19.0 | 3.3 | 31 |
| 21.9 | 60.6 | 6162.0 | 475.0 | -15.8 | -26.9 | 258.8 | 15.1 | 14.8 | 3.0 | 318.4 | 321.2 | 0.5 | 15.7 | 5.0 | 33 |
| 23.4 | 63.8 | 6588.9 | 450.0 | -19.5 | -29.9 | 258.8 | 17.9 | 17.4 | 4.4 | 318.8 | 321.2 | 0.5 | 15.7 | 5.0 | 33 |
| 24.8 | 67.0 | 6989.4 | 425.0 | -21.8 | -25.4 | 255.3 | 19.3 | 16.8 | 4.4 | 321.1 | 324.8 | 0.7 | 15.7 | 5.0 | 33 |
| 26.4 | 70.3 | 7434.4 | 400.0 | -24.2 | -38.1 | 260.1 | 15.8 | 15.8 | 2.7 | 323.5 | 324.8 | 0.7 | 15.7 | 5.0 | 33 |
| 28.2 | 73.6 | 7901.5 | 375.0 | -28.3 | -40.8 | 261.6 | 17.0 | 16.8 | 2.5 | 323.5 | 324.8 | 0.7 | 15.7 | 5.0 | 33 |
| 30.0 | 77.1 | 8391.5 | 350.0 | -33.0 | -42.9 | 264.1 | 19.2 | 16.8 | 2.5 | 323.5 | 324.8 | 0.7 | 15.7 | 5.0 | 33 |
| 31.8 | 80.9 | 8907.8 | 325.0 | -37.8 | -45.7 | 262.2 | 24.0 | 23.7 | 2.0 | 323.5 | 324.8 | 0.7 | 15.7 | 5.0 | 33 |
| 33.7 | 84.7 | 9454.2 | 300.0 | -42.0 | -49.9 | 260.1 | 31.6 | 23.7 | 3.3 | 323.5 | 324.8 | 0.7 | 15.7 | 5.0 | 33 |
| 35.8 | 88.7 | 10037.3 | 275.0 | -46.9 | -53.9 | 256.9 | 38.1 | 31.1 | 5.4 | 323.5 | 324.8 | 0.7 | 15.7 | 5.0 | 33 |
| 38.0 | 92.8 | 10683.8 | 250.0 | -50.6 | -59.9 | 257.6 | 37.9 | 37.0 | 8.1 | 323.5 | 324.8 | 0.7 | 15.7 | 5.0 | 33 |
| 40.4 | 97.2 | 11345.3 | 225.0 | -53.9 | -64.9 | 258.8 | 36.9 | 36.2 | 8.1 | 323.5 | 324.8 | 0.7 | 15.7 | 5.0 | 33 |
| 43.0 | 102.0 | 12094.4 | 200.0 | -57.8 | -69.9 | 263.5 | 33.3 | 33.1 | 8.1 | 323.5 | 324.8 | 0.7 | 15.7 | 5.0 | 33 |
| 45.9 | 107.2 | 12926.5 | 175.0 | -62.9 | -74.9 | 264.1 | 29.7 | 28.6 | 8.1 | 323.5 | 324.8 | 0.7 | 15.7 | 5.0 | 33 |
| 49.1 | 112.6 | 13867.2 | 150.0 | -66.9 | -79.9 | 264.1 | 20.9 | 20.8 | 4.8 | 323.5 | 324.8 | 0.7 | 15.7 | 5.0 | 33 |
| 52.7 | 118.7 | 15034.8 | 125.0 | -69.9 | -84.9 | 264.1 | 17.0 | 16.9 | 2.1 | 323.5 | 324.8 | 0.7 | 15.7 | 5.0 | 33 |
| 57.0 | 125.3 | 16408.2 | 100.0 | -74.9 | -89.9 | 264.1 | 17.0 | 16.9 | 2.1 | 323.5 | 324.8 | 0.7 | 15.7 | 5.0 | 33 |
| 62.7 | 133.0 | 18168.0 | 75.0 | -84.6 | -99.9 | 264.1 | 7.9 | 16.9 | 1.1 | 403.6 | 999.9 | 99.9 | 999.9 | 999.9 | 999 |
| 69.7 | 141.0 | 20653.6 | 50.0 | -80.1 | -99.9 | 12.5 | 2.9 | -0.6 | -2.8 | 501.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999 |
| 81.7 | 150.0 | 25086.0 | 25.0 | -52.3 | 99.9 | 297.4 | 5.9 | 5.3 | -2.7 | 534.3 | 999.9 | 99.9 | 999.9 | 999.9 | 999 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 ** BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 *** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
 **** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE 13
OF POOR QUALITY

STATION NO. 235
JACKSON, MISSISSIPPI
24 APRIL 1982
1715 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | SEW FT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POI T DG K | E POT T DG K | MX RIO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 5.5 | 91.0 | 1010.5 | 21.1 | 6.2 | 110.0 | 4.6 | -4.3 | 1.6 | 293.4 | 309.3 | 5.9 | 38.0 | 0.0 | 0 |
| 0.2 | 6.4 | 181.1 | 1000.0 | 19.3 | 5.7 | 999.9 | 99.9 | 99.9 | 99.9 | 292.4 | 307.9 | 5.1 | 40.8 | 999.9 | 999 |
| 0.9 | 8.6 | 397.9 | 975.0 | 17.2 | 3.6 | 999.9 | 99.9 | 99.9 | 99.9 | 292.4 | 306.2 | 5.1 | 40.5 | 999.9 | 999 |
| 1.5 | 10.9 | 618.6 | 950.0 | 15.1 | 2.9 | 999.9 | 99.9 | 99.9 | 99.9 | 292.6 | 306.1 | 5.0 | 43.8 | 999.9 | 999 |
| 2.3 | 13.3 | 843.7 | 925.0 | 13.0 | 2.5 | 999.9 | 99.9 | 99.9 | 99.9 | 292.6 | 306.1 | 5.0 | 43.1 | 999.9 | 999 |
| 3.0 | 15.5 | 1073.2 | 900.0 | 11.0 | 2.3 | 116.3 | 5.9 | -5.3 | 2.6 | 292.9 | 306.5 | 5.0 | 49.1 | 0.7 | 309 |
| 3.9 | 17.7 | 1307.4 | 875.0 | 9.0 | 2.4 | 128.8 | 4.2 | -3.3 | 2.6 | 292.9 | 306.5 | 5.0 | 55.0 | 1.2 | 305 |
| 4.8 | 20.2 | 1547.1 | 850.0 | 7.4 | 4.7 | 163.6 | 2.8 | -0.8 | 2.7 | 293.1 | 307.2 | 5.2 | 62.3 | 1.0 | 304 |
| 5.7 | 22.7 | 1792.9 | 825.0 | 7.7 | 4.7 | 170.6 | 2.8 | -0.5 | 2.7 | 293.1 | 307.2 | 5.2 | 62.3 | 1.0 | 304 |
| 6.7 | 25.3 | 2046.4 | 800.0 | 7.9 | -14.0 | 208.7 | 4.9 | 2.4 | 2.8 | 296.7 | 301.6 | 1.6 | 20.7 | 1.4 | 310 |
| 7.7 | 27.8 | 2307.8 | 775.0 | 7.0 | -4.3 | 219.4 | 5.9 | 3.7 | 4.5 | 299.6 | 304.4 | 1.6 | 19.4 | 1.6 | 317 |
| 8.6 | 30.4 | 2577.0 | 750.0 | 5.8 | -1.1 | 226.1 | 5.6 | 4.0 | 3.9 | 301.2 | 312.3 | 3.8 | 17.4 | 1.7 | 329 |
| 9.6 | 33.1 | 2854.0 | 725.0 | 4.3 | -2.6 | 229.5 | 5.9 | 4.5 | 3.9 | 302.9 | 316.3 | 4.7 | 17.4 | 1.8 | 338 |
| 10.8 | 36.0 | 3138.9 | 700.0 | 2.6 | -3.4 | 219.7 | 8.1 | 5.2 | 6.2 | 304.2 | 316.8 | 4.4 | 60.7 | 2.0 | 348 |
| 11.9 | 38.8 | 3432.2 | 675.0 | 0.3 | -4.0 | 223.6 | 9.6 | 6.6 | 7.0 | 305.3 | 317.6 | 4.3 | 64.7 | 2.2 | 358 |
| 13.2 | 41.8 | 3734.3 | 650.0 | -0.9 | -1.0 | 223.6 | 10.5 | 8.5 | 6.1 | 306.0 | 318.2 | 2.5 | 72.9 | 2.8 | 36 |
| 14.4 | 44.9 | 4046.1 | 625.0 | -3.3 | -13.6 | 234.3 | 11.1 | 9.0 | 6.5 | 308.0 | 318.6 | 2.1 | 46.0 | 3.3 | 15 |
| 15.6 | 47.9 | 4368.3 | 600.0 | -4.8 | -20.9 | 233.8 | 11.4 | 9.2 | 6.8 | 308.7 | 315.3 | 1.2 | 44.6 | 4.0 | 23 |
| 16.9 | 51.1 | 4702.0 | 575.0 | -6.9 | -23.6 | 230.4 | 12.0 | 9.3 | 7.7 | 310.6 | 314.4 | 1.0 | 27.0 | 4.7 | 28 |
| 18.2 | 54.3 | 5048.1 | 550.0 | -8.2 | -29.2 | 222.0 | 11.7 | 7.9 | 8.7 | 311.9 | 315.1 | 0.6 | 24.9 | 5.5 | 32 |
| 19.5 | 57.5 | 5408.0 | 525.0 | -10.0 | -30.8 | 231.3 | 9.0 | 7.0 | 5.6 | 316.4 | 316.5 | 0.6 | 16.3 | 6.5 | 34 |
| 20.8 | 60.9 | 5782.4 | 500.0 | -12.4 | -31.4 | 253.3 | 8.6 | 8.2 | 3.5 | 318.0 | 319.8 | 0.5 | 18.5 | 7.3 | 35 |
| 22.4 | 64.4 | 6172.3 | 475.0 | -15.3 | -25.1 | 256.5 | 10.6 | 10.3 | 2.5 | 319.0 | 322.5 | 0.8 | 43.3 | 8.5 | 41 |
| 24.0 | 68.0 | 6576.1 | 450.0 | -18.3 | -26.6 | 243.0 | 13.0 | 11.6 | 5.9 | 320.3 | 322.0 | 0.8 | 39.8 | 9.5 | 45 |
| 25.5 | 71.9 | 7004.6 | 425.0 | -19.3 | -26.3 | 229.5 | 13.5 | 10.2 | 9.7 | 320.3 | 322.8 | 1.0 | 35.3 | 10.8 | 46 |
| 27.2 | 75.8 | 7451.6 | 400.0 | -22.8 | -27.2 | 229.5 | 15.1 | 11.5 | 9.8 | 324.3 | 327.8 | 1.0 | 37.3 | 12.2 | 46 |
| 29.0 | 80.2 | 7922.1 | 375.0 | -28.2 | -31.4 | 234.4 | 17.9 | 14.6 | 10.4 | 325.3 | 328.8 | 0.7 | 61.4 | 13.9 | 47 |
| 30.8 | 84.4 | 8416.9 | 350.0 | -30.4 | -35 | 231.9 | 19.4 | 15.3 | 12.0 | 326.9 | 329.4 | 0.5 | 60.4 | 15.9 | 48 |
| 32.7 | 88.8 | 8939.4 | 325.0 | -34.5 | -40.2 | 234.4 | 21.7 | 17.6 | 12.6 | 327.8 | 330.4 | 0.3 | 55.6 | 18.3 | 48 |
| 34.6 | 93.8 | 9492.5 | 300.0 | -39.8 | 99.9 | 243.4 | 26.2 | 23.4 | 11.7 | 329.1 | 330.9 | 99.9 | 99.9 | 20.9 | 50 |
| 36.3 | 98.8 | 10080.5 | 275.0 | -45.0 | 99.9 | 247.5 | 30.6 | 28.3 | 11.7 | 330.0 | 330.9 | 99.9 | 99.9 | 23.8 | 52 |
| 38.4 | 104.0 | 10708.8 | 250.0 | -50.8 | 99.9 | 248.0 | 33.6 | 31.1 | 12.6 | 330.6 | 330.9 | 99.9 | 99.9 | 27.6 | 54 |
| 40.8 | 109.5 | 11386.0 | 225.0 | -55.3 | 99.9 | 257.8 | 36.1 | 34.9 | 9.5 | 332.8 | 330.9 | 99.9 | 99.9 | 32.7 | 56 |
| 43.7 | 115.5 | 12136.0 | 200.0 | -56.8 | 99.9 | 257.8 | 33.8 | 33.0 | 8.2 | 332.8 | 330.9 | 99.9 | 99.9 | 38.5 | 60 |
| 46.6 | 121.7 | 12977.2 | 175.0 | -59.4 | 99.9 | 252.6 | 27.6 | 28.3 | 6.2 | 342.8 | 330.9 | 99.9 | 99.9 | 43.3 | 62 |
| 49.9 | 128.5 | 13937.6 | 150.0 | -61.4 | 99.9 | 253.4 | 29.7 | 28.5 | 8.5 | 351.9 | 330.9 | 99.9 | 99.9 | 48.5 | 63 |
| 53.7 | 135.7 | 15085.7 | 125.0 | -59.6 | 99.9 | 259.0 | 27.2 | 28.7 | 5.2 | 364.3 | 330.9 | 99.9 | 99.9 | 55.7 | 65 |
| 58.2 | 143.0 | 16466.1 | 100.0 | -64.4 | 99.9 | 259.2 | 19.0 | 18.7 | 3.6 | 403.4 | 330.9 | 99.9 | 99.9 | 61.3 | 66 |
| 63.9 | 151.0 | 18226.1 | 75.0 | -64.0 | 99.9 | 267.3 | 8.2 | 8.2 | 0.4 | 438.8 | 330.9 | 99.9 | 99.9 | 66.0 | 67 |
| 71.6 | 159.2 | 20739.0 | 50.0 | -59.6 | 99.9 | 313.4 | 4.7 | 3.4 | -3.2 | 503.2 | 330.9 | 99.9 | 99.9 | 67.8 | 67 |
| 83.5 | 167.3 | 25171.7 | 25.0 | -50.9 | 99.9 | 174.7 | 5.1 | -0.5 | 5.0 | 538.7 | 330.9 | 99.9 | 99.9 | 67.3 | 67 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

STATION NO. 235
JACKSON, MISSISSIPPI

24 APRIL 1982
2015 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 6.3 | 91.0 | 1008.4 | 21.1 | 7.3 | 110.0 | 4.6 | -4.3 | 1.6 | 293.6 | 310.7 | 6.4 | 41.0 | 0.0 | 0 |
| 0.2 | 6.9 | 163.3 | 1000.0 | 20.1 | 7.3 | 156.7 | 2.0 | -0.8 | 1.8 | 293.2 | 310.7 | 6.4 | 41.0 | 0.0 | 0 |
| 1.3 | 8.8 | 380.6 | 975.0 | 17.7 | 6.4 | 142.3 | 3.1 | -1.9 | 2.4 | 293.2 | 309.6 | 6.2 | 47.6 | 0.1 | 335 |
| 2.4 | 10.8 | 602.0 | 950.0 | 15.7 | 6.1 | 139.4 | 3.8 | -2.4 | 2.8 | 293.1 | 309.6 | 6.2 | 52.7 | 0.2 | 328 |
| 3.5 | 12.7 | 827.6 | 925.0 | 13.6 | 5.4 | 131.1 | 4.2 | -3.1 | 2.7 | 293.5 | 309.5 | 6.1 | 57.5 | 0.3 | 319 |
| 4.6 | 14.8 | 1057.9 | 900.0 | 11.6 | 5.4 | 144.2 | 4.3 | -2.5 | 3.5 | 293.5 | 310.3 | 6.3 | 65.7 | 0.9 | 318 |
| 5.6 | 16.8 | 1292.6 | 875.0 | 9.2 | 4.8 | 150.0 | 4.2 | -2.1 | 3.6 | 293.5 | 310.0 | 6.2 | 73.6 | 1.2 | 320 |
| 6.4 | 18.8 | 1532.3 | 850.0 | 7.0 | 4.7 | 152.8 | 4.5 | -2.1 | 4.0 | 293.5 | 310.5 | 6.3 | 85.3 | 1.4 | 321 |
| 7.2 | 20.9 | 1777.0 | 825.0 | 5.4 | -2.4 | 165.7 | 4.9 | -1.1 | 4.8 | 293.4 | 305.2 | 3.9 | 95.3 | 1.7 | 322 |
| 8.2 | 23.1 | 2028.7 | 800.0 | 5.4 | -13.9 | 185.0 | 5.7 | 0.5 | 5.7 | 297.8 | 305.2 | 3.9 | 95.3 | 1.9 | 323 |
| 9.8 | 25.4 | 2289.3 | 775.0 | 6.2 | -0.3 | 199.3 | 5.2 | 1.7 | 5.7 | 302.6 | 302.6 | 1.6 | 95.3 | 2.1 | 323 |
| 10.8 | 27.6 | 2557.7 | 750.0 | 5.9 | -0.3 | 213.2 | 5.4 | 3.0 | 4.9 | 300.2 | 313.8 | 1.6 | 95.3 | 2.3 | 324 |
| 11.8 | 29.8 | 2833.9 | 725.0 | 3.4 | 1.0 | 222.9 | 6.9 | 4.7 | 4.6 | 301.9 | 316.0 | 5.0 | 95.3 | 2.5 | 332 |
| 12.9 | 32.2 | 3118.2 | 700.0 | 1.6 | 0.4 | 229.2 | 8.6 | 6.5 | 5.0 | 303.2 | 319.3 | 5.7 | 95.3 | 2.7 | 344 |
| 14.0 | 34.6 | 3411.1 | 675.0 | 0.1 | -2.1 | 228.6 | 10.9 | 8.2 | 7.2 | 305.8 | 320.3 | 5.7 | 95.3 | 3.0 | 353 |
| 15.0 | 37.1 | 3713.4 | 650.0 | -0.3 | -7.0 | 218.7 | 12.2 | 7.6 | 9.5 | 308.7 | 319.8 | 3.5 | 95.3 | 3.4 | 0 |
| 16.3 | 39.6 | 4026.6 | 625.0 | -2.2 | -9.1 | 210.8 | 10.6 | 5.4 | 9.1 | 308.9 | 319.1 | 3.1 | 95.3 | 4.0 | 16 |
| 17.4 | 42.2 | 4349.4 | 600.0 | -5.1 | -10.3 | 212.7 | 9.3 | 5.1 | 7.9 | 310.2 | 319.0 | 2.9 | 95.3 | 4.8 | 16 |
| 18.6 | 45.0 | 4682.4 | 575.0 | -7.5 | -9.9 | 218.4 | 10.9 | 6.8 | 8.6 | 311.5 | 320.9 | 3.1 | 95.3 | 5.4 | 16 |
| 19.7 | 47.8 | 5028.7 | 550.0 | -8.4 | -10.0 | 225.5 | 16.2 | 11.6 | 11.4 | 314.1 | 324.0 | 3.3 | 95.3 | 6.0 | 16 |
| 20.7 | 50.6 | 5389.4 | 525.0 | -9.7 | -11.2 | 232.5 | 21.0 | 16.7 | 12.8 | 316.7 | 326.2 | 3.1 | 95.3 | 6.8 | 21 |
| 21.9 | 53.6 | 5764.7 | 500.0 | -12.2 | -14.0 | 241.1 | 22.6 | 19.7 | 16.9 | 318.1 | 326.2 | 2.6 | 95.3 | 7.9 | 25 |
| 23.3 | 56.6 | 6155.6 | 475.0 | -14.7 | -15.8 | 246.5 | 20.6 | 18.7 | 18.1 | 319.8 | 327.4 | 2.3 | 95.3 | 9.3 | 30 |
| 24.7 | 59.9 | 6590.0 | 450.0 | -17.0 | -20.3 | 250.3 | 20.6 | 19.4 | 16.9 | 321.9 | 327.4 | 1.7 | 95.3 | 10.8 | 36 |
| 26.1 | 63.1 | 6990.0 | 425.0 | -20.2 | -26.8 | 253.0 | 20.6 | 19.7 | 16.9 | 323.2 | 327.4 | 0.8 | 95.3 | 12.3 | 40 |
| 27.6 | 68.5 | 7436.7 | 400.0 | -23.5 | -30.7 | 254.4 | 18.7 | 18.9 | 15.3 | 324.4 | 327.4 | 0.7 | 95.3 | 13.8 | 44 |
| 29.2 | 70.1 | 7904.5 | 375.0 | -27.7 | -34.3 | 253.8 | 23.0 | 22.1 | 16.4 | 325.0 | 327.4 | 0.7 | 95.3 | 15.3 | 47 |
| 30.7 | 73.9 | 8398.1 | 350.0 | -30.9 | -38.7 | 253.8 | 23.0 | 22.1 | 16.4 | 325.0 | 327.4 | 0.7 | 95.3 | 17.1 | 50 |
| 32.4 | 77.8 | 8919.8 | 325.0 | -35.0 | -43.9 | 249.0 | 25.2 | 23.5 | 13.3 | 327.1 | 327.4 | 0.6 | 95.3 | 19.2 | 53 |
| 34.1 | 82.0 | 9472.5 | 300.0 | -40.0 | -49.9 | 242.0 | 28.3 | 25.0 | 13.3 | 328.4 | 329.8 | 0.4 | 95.3 | 21.8 | 54 |
| 35.8 | 86.3 | 10060.6 | 275.0 | -45.0 | -55.9 | 238.0 | 31.8 | 27.0 | 16.8 | 330.0 | 330.0 | 0.9 | 95.3 | 24.9 | 55 |
| 37.8 | 91.0 | 10888.9 | 250.0 | -50.9 | -61.4 | 236.1 | 35.0 | 29.1 | 17.4 | 330.0 | 330.0 | 0.9 | 95.3 | 28.2 | 55 |
| 40.2 | 96.0 | 11367.7 | 225.0 | -54.8 | -67.7 | 243.5 | 36.6 | 32.8 | 15.3 | 334.5 | 330.0 | 0.9 | 95.3 | 32.0 | 55 |
| 42.7 | 101.2 | 12113.6 | 200.0 | -58.2 | -73.9 | 253.4 | 34.3 | 32.8 | 15.3 | 339.0 | 330.0 | 0.9 | 95.3 | 37.2 | 57 |
| 45.5 | 106.8 | 12947.1 | 175.0 | -59.7 | -79.9 | 256.0 | 28.1 | 32.8 | 8.6 | 351.3 | 330.0 | 0.9 | 95.3 | 42.1 | 57 |
| 48.4 | 112.7 | 13912.7 | 150.0 | -59.7 | -85.9 | 251.2 | 25.3 | 30.3 | 9.1 | 367.3 | 330.0 | 0.9 | 95.3 | 47.8 | 59 |
| 52.1 | 119.2 | 15052.8 | 125.0 | -61.4 | -91.9 | 258.7 | 30.9 | 26.6 | 9.1 | 383.8 | 330.0 | 0.9 | 95.3 | 53.2 | 61 |
| 56.7 | 126.0 | 16436.9 | 100.0 | -61.2 | -99.9 | 259.4 | 19.5 | 19.2 | 3.6 | 409.6 | 330.0 | 0.9 | 95.3 | 59.8 | 62 |
| 62.5 | 133.3 | 18200.0 | 75.0 | -63.1 | -99.9 | 291.5 | 9.1 | 8.5 | -3.3 | 440.7 | 330.0 | 0.9 | 95.3 | 66.3 | 64 |
| 70.1 | 141.0 | 20705.8 | 50.0 | -59.9 | -99.9 | 224.3 | 3.7 | 2.6 | 2.7 | 502.3 | 330.0 | 0.9 | 95.3 | 72.8 | 65 |
| 82.4 | 149.0 | 25132.9 | 25.0 | -50.2 | -99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 640.5 | 330.0 | 0.9 | 95.3 | 72.8 | 66 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 ** BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 *** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
 **** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 235
JACKSON, MISSISSIPPI
25 APRIL 1982
300 GMT

| TIME MIN | ONTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE NM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 6.8 | 91.0 | 1005.7 | 16.1 | 14.3 | 30.0 | 2.1 | -1.0 | -1.8 | 288.8 | 315.0 | 10.3 | 89.0 | 0.0 | 0 |
| 0.2 | 7.2 | 139.4 | 1000.0 | 14.9 | 12.0 | 93.2 | 9.5 | -9.5 | 0.5 | 298.1 | 309.9 | 8.9 | 83.4 | 0.2 | 253 |
| 1.0 | 9.2 | 354.8 | 975.0 | 16.3 | 7.9 | 97.4 | 10.0 | -9.5 | 1.3 | 291.5 | 309.8 | 8.9 | 57.7 | 0.5 | 264 |
| 1.8 | 11.2 | 575.2 | 950.0 | 14.5 | 7.0 | 105.0 | 10.9 | -10.3 | 3.5 | 291.9 | 309.6 | 6.6 | 60.7 | 1.0 | 272 |
| 2.5 | 13.1 | 800.2 | 925.0 | 13.0 | 7.4 | 120.5 | 11.7 | -10.1 | 5.9 | 292.6 | 311.2 | 7.0 | 68.6 | 1.5 | 281 |
| 3.4 | 15.2 | 1030.3 | 900.0 | 11.4 | 9.0 | 138.6 | 12.8 | -10.0 | 8.0 | 293.3 | 314.6 | 8.0 | 85.0 | 2.0 | 288 |
| 4.2 | 17.2 | 1255.5 | 875.0 | 9.8 | 8.8 | 150.6 | 13.1 | -8.9 | 9.6 | 293.9 | 315.6 | 8.2 | 93.6 | 2.5 | 294 |
| 5.0 | 19.3 | 1506.4 | 850.0 | 8.5 | 8.2 | 170.6 | 11.5 | -5.6 | 10.0 | 295.1 | 316.7 | 8.1 | 98.2 | 3.0 | 298 |
| 5.9 | 21.4 | 1753.7 | 825.0 | 8.2 | 7.9 | 184.3 | 10.1 | -1.4 | 10.0 | 297.2 | 318.2 | 8.2 | 98.2 | 3.5 | 305 |
| 6.8 | 23.6 | 2008.3 | 800.0 | 7.7 | 5.3 | 203.9 | 9.2 | 0.7 | 9.2 | 299.4 | 319.6 | 7.0 | 85.2 | 4.0 | 312 |
| 7.9 | 25.8 | 2259.9 | 775.0 | 6.3 | 4.6 | 224.2 | 9.3 | 3.8 | 8.5 | 300.6 | 319.6 | 6.9 | 89.1 | 4.5 | 318 |
| 9.1 | 28.2 | 2539.0 | 750.0 | 5.1 | 4.7 | 242.2 | 12.3 | 8.5 | 8.8 | 302.2 | 322.0 | 7.2 | 96.9 | 5.0 | 327 |
| 10.0 | 30.5 | 2815.8 | 725.0 | 3.7 | 3.0 | 263.6 | 14.9 | 12.0 | 8.8 | 304.7 | 322.1 | 6.6 | 95.3 | 5.5 | 337 |
| 10.9 | 32.8 | 3100.5 | 700.0 | 2.0 | 1.6 | 287.4 | 16.6 | 14.1 | 8.3 | 306.1 | 322.7 | 5.9 | 96.9 | 6.0 | 347 |
| 11.9 | 35.3 | 3332.8 | 675.0 | 0.4 | 0.4 | 309.9 | 18.3 | 14.4 | 8.3 | 307.9 | 323.8 | 5.5 | 100.0 | 6.5 | 357 |
| 13.1 | 37.9 | 3686.6 | 650.0 | -0.9 | -0.9 | 334.3 | 17.3 | 14.0 | 10.1 | 309.7 | 324.6 | 5.1 | 100.0 | 7.0 | 367 |
| 14.3 | 40.6 | 4009.6 | 625.0 | -2.5 | -2.5 | 359.8 | 19.0 | 14.5 | 12.3 | 309.7 | 324.6 | 5.1 | 99.9 | 7.5 | 377 |
| 15.4 | 43.2 | 4333.5 | 600.0 | -3.7 | -3.8 | 382.7 | 20.6 | 15.6 | 13.5 | 311.8 | 325.1 | 4.8 | 99.7 | 8.0 | 387 |
| 16.6 | 46.0 | 4669.0 | 575.0 | -5.6 | -5.7 | 405.1 | 21.1 | 16.8 | 12.8 | 313.4 | 325.2 | 4.4 | 99.5 | 8.5 | 397 |
| 17.7 | 48.8 | 5016.5 | 550.0 | -8.4 | -8.5 | 427.9 | 21.2 | 16.9 | 12.8 | 314.1 | 325.2 | 3.7 | 99.2 | 9.0 | 407 |
| 19.0 | 51.8 | 5376.2 | 525.0 | -10.9 | -11.7 | 450.1 | 21.2 | 16.3 | 13.6 | 315.3 | 324.4 | 3.0 | 93.7 | 10.0 | 417 |
| 20.2 | 54.8 | 5749.7 | 500.0 | -13.8 | -14.6 | 471.3 | 20.6 | 16.2 | 13.0 | 316.2 | 323.7 | 2.4 | 92.2 | 11.0 | 427 |
| 21.5 | 58.0 | 6136.2 | 475.0 | -16.7 | -18.6 | 491.1 | 20.8 | 16.2 | 12.1 | 314.9 | 315.8 | 0.3 | 15.3 | 12.0 | 437 |
| 22.9 | 61.1 | 6537.2 | 450.0 | -21.2 | -21.8 | 509.6 | 20.7 | 14.8 | 14.5 | 316.5 | 317.3 | 0.2 | 13.6 | 13.0 | 447 |
| 24.3 | 64.6 | 6956.3 | 425.0 | -24.5 | -25.0 | 524.2 | 22.3 | 15.5 | 16.0 | 317.6 | 318.2 | 0.2 | 12.9 | 14.0 | 457 |
| 25.6 | 68.1 | 7395.7 | 400.0 | -26.9 | -27.9 | 539.9 | 21.2 | 14.7 | 15.2 | 320.0 | 320.6 | 0.2 | 12.7 | 15.0 | 467 |
| 27.0 | 71.9 | 7858.2 | 375.0 | -30.4 | -31.9 | 555.5 | 20.3 | 15.0 | 13.7 | 321.4 | 322.3 | 0.2 | 12.7 | 16.0 | 477 |
| 28.5 | 75.8 | 8344.7 | 350.0 | -34.1 | -35.2 | 571.2 | 22.8 | 18.8 | 12.9 | 322.8 | 323.1 | 0.1 | 14.0 | 17.0 | 487 |
| 30.0 | 79.8 | 8860.1 | 325.0 | -37.8 | -39.9 | 587.9 | 27.2 | 25.2 | 12.1 | 324.6 | 324.9 | 0.1 | 13.5 | 18.0 | 497 |
| 31.8 | 84.2 | 9407.3 | 300.0 | -41.7 | -43.9 | 604.6 | 28.5 | 27.1 | 13.3 | 326.6 | 326.6 | 0.1 | 99.9 | 19.0 | 507 |
| 33.6 | 88.6 | 9992.1 | 275.0 | -45.7 | -48.9 | 621.3 | 30.3 | 27.1 | 13.3 | 328.0 | 328.0 | 0.1 | 99.9 | 20.0 | 517 |
| 35.6 | 93.4 | 10619.8 | 250.0 | -50.7 | -53.9 | 638.0 | 35.4 | 31.8 | 15.6 | 329.0 | 329.0 | 0.1 | 99.9 | 21.0 | 527 |
| 37.6 | 98.6 | 11298.0 | 225.0 | -55.1 | -58.9 | 654.7 | 37.7 | 33.4 | 17.5 | 330.0 | 329.9 | 0.1 | 99.9 | 22.0 | 537 |
| 39.7 | 104.0 | 12042.0 | 200.0 | -60.3 | -64.9 | 671.4 | 36.3 | 31.8 | 17.4 | 331.7 | 329.9 | 0.1 | 99.9 | 23.0 | 547 |
| 41.8 | 110.0 | 12865.2 | 175.0 | -64.4 | -69.9 | 688.1 | 33.9 | 29.9 | 19.9 | 333.7 | 329.9 | 0.1 | 99.9 | 24.0 | 557 |
| 43.9 | 116.0 | 13719.9 | 150.0 | -69.9 | -75.9 | 704.8 | 33.9 | 29.9 | 19.9 | 335.7 | 329.9 | 0.1 | 99.9 | 25.0 | 567 |
| 46.0 | 122.0 | 14605.9 | 125.0 | -75.9 | -81.9 | 721.5 | 33.9 | 29.9 | 19.9 | 337.7 | 329.9 | 0.1 | 99.9 | 26.0 | 577 |
| 48.1 | 128.0 | 15522.9 | 100.0 | -81.9 | -87.9 | 738.2 | 33.9 | 29.9 | 19.9 | 339.7 | 329.9 | 0.1 | 99.9 | 27.0 | 587 |
| 50.2 | 134.0 | 16480.9 | 75.0 | -87.9 | -93.9 | 754.9 | 33.9 | 29.9 | 19.9 | 341.7 | 329.9 | 0.1 | 99.9 | 28.0 | 597 |
| 52.3 | 140.0 | 17479.9 | 50.0 | -93.9 | -99.9 | 771.6 | 33.9 | 29.9 | 19.9 | 343.7 | 329.9 | 0.1 | 99.9 | 29.0 | 607 |
| 54.4 | 146.0 | 18519.9 | 25.0 | -99.9 | -105.9 | 788.3 | 33.9 | 29.9 | 19.9 | 345.7 | 329.9 | 0.1 | 99.9 | 30.0 | 617 |
| 56.5 | 152.0 | 19600.9 | 25.0 | -105.9 | -111.9 | 805.0 | 33.9 | 29.9 | 19.9 | 347.7 | 329.9 | 0.1 | 99.9 | 31.0 | 627 |
| 58.6 | 158.0 | 20722.9 | 25.0 | -111.9 | -117.9 | 821.7 | 33.9 | 29.9 | 19.9 | 349.7 | 329.9 | 0.1 | 99.9 | 32.0 | 637 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 ** BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 *** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
 **** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE 13
OF POOR QUALITY

STATION NO. 235
JACKSON, MISSISSIPPI
25 APRIL 1982
600 GMT

| TIME MIN | ONTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO CM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 6.6 | 91.0 | 1005.8 | 15.0 | 13.9 | 90.0 | 5.2 | -5.2 | 0.5 | 287.7 | 313.1 | 10.0 | 93.0 | 0.0 | 0 |
| 0.2 | 7.2 | 140.1 | 1000.1 | 14.0 | 13.4 | 133.4 | 12.4 | -9.0 | 8.5 | 287.4 | 312.2 | 9.7 | 94.7 | 0.3 | 286 |
| 1.0 | 9.6 | 354.9 | 975.0 | 15.2 | 14.5 | 131.5 | 13.7 | -10.0 | 9.1 | 290.5 | 318.1 | 10.8 | 95.7 | 0.7 | 300 |
| 1.6 | 12.1 | 575.2 | 950.0 | 15.0 | 14.5 | 131.5 | 13.6 | -10.1 | 9.1 | 291.4 | 317.9 | 10.2 | 95.8 | 1.2 | 308 |
| 2.6 | 14.7 | 800.5 | 925.0 | 14.6 | 12.0 | 134.0 | 13.9 | -10.0 | 9.6 | 292.2 | 317.2 | 9.6 | 95.6 | 2.0 | 308 |
| 3.5 | 17.2 | 1030.6 | 900.0 | 11.6 | 10.1 | 145.8 | 12.5 | -7.0 | 10.3 | 293.4 | 316.3 | 8.7 | 90.9 | 2.7 | 311 |
| 4.3 | 19.7 | 1266.7 | 875.0 | 10.9 | 9.2 | 163.3 | 10.5 | -3.0 | 10.0 | 295.1 | 317.4 | 8.4 | 89.0 | 3.2 | 315 |
| 5.2 | 22.3 | 1508.8 | 850.0 | 10.5 | 8.6 | 189.4 | 9.8 | 1.5 | 8.9 | 297.1 | 319.5 | 8.3 | 88.5 | 3.6 | 320 |
| 6.1 | 24.9 | 1757.3 | 825.0 | 9.2 | 7.4 | 214.9 | 9.0 | 5.6 | 8.0 | 298.3 | 319.6 | 7.9 | 88.5 | 3.9 | 326 |
| 7.1 | 27.6 | 2012.4 | 800.0 | 7.9 | 6.3 | 229.0 | 12.0 | 9.0 | 7.9 | 299.5 | 320.1 | 7.5 | 90.0 | 4.0 | 336 |
| 8.2 | 30.2 | 2274.2 | 775.0 | 6.7 | 4.5 | 237.4 | 13.1 | 11.0 | 7.1 | 301.0 | 319.9 | 6.8 | 90.0 | 4.3 | 346 |
| 9.3 | 32.9 | 2543.2 | 750.0 | 5.3 | 3.3 | 243.3 | 12.6 | 12.7 | 7.1 | 302.3 | 320.4 | 6.5 | 88.7 | 4.6 | 357 |
| 10.3 | 35.7 | 2819.8 | 725.0 | 3.3 | 1.9 | 253.9 | 14.8 | 14.2 | 5.1 | 304.0 | 320.3 | 6.1 | 90.7 | 4.8 | 37 |
| 11.2 | 38.4 | 3104.8 | 700.0 | 1.4 | 0.7 | 252.0 | 15.8 | 15.1 | 4.9 | 303.1 | 320.3 | 5.8 | 95.7 | 5.3 | 15 |
| 12.3 | 41.0 | 3398.6 | 675.0 | -0.1 | -0.5 | 246.4 | 16.4 | 15.1 | 6.9 | 305.6 | 321.2 | 5.5 | 96.9 | 5.9 | 24 |
| 13.4 | 44.0 | 3698.6 | 650.0 | -1.5 | -1.9 | 237.7 | 16.6 | 14.0 | 8.9 | 307.3 | 322.1 | 5.1 | 98.7 | 6.8 | 30 |
| 14.6 | 47.0 | 4010.7 | 625.0 | -2.9 | -3.4 | 228.7 | 15.1 | 11.3 | 10.0 | 309.2 | 323.1 | 4.8 | 96.4 | 7.9 | 33 |
| 15.8 | 49.9 | 4333.8 | 600.0 | -4.7 | -5.2 | 218.4 | 14.2 | 8.8 | 11.1 | 310.7 | 323.5 | 4.3 | 96.0 | 8.9 | 34 |
| 16.9 | 52.9 | 4668.6 | 575.0 | -8.0 | -8.6 | 213.9 | 16.9 | 9.4 | 14.0 | 312.9 | 325.1 | 4.1 | 95.7 | 10.0 | 34 |
| 18.2 | 55.9 | 5015.7 | 550.0 | -8.6 | -9.3 | 214.0 | 18.7 | 10.5 | 15.5 | 313.9 | 325.1 | 3.4 | 94.5 | 11.3 | 34 |
| 19.5 | 59.0 | 5374.7 | 525.0 | -11.3 | -12.6 | 214.1 | 19.4 | 10.9 | 16.1 | 314.8 | 323.4 | 2.8 | 90.7 | 12.8 | 34 |
| 20.7 | 62.1 | 5747.0 | 500.0 | -14.7 | -16.1 | 214.5 | 22.0 | 12.4 | 18.1 | 315.1 | 320.9 | 1.8 | 75.2 | 14.4 | 34 |
| 22.1 | 65.4 | 6132.8 | 475.0 | -18.6 | -20.3 | 212.9 | 21.2 | 11.5 | 17.8 | 315.0 | 318.1 | 0.9 | 50.6 | 16.1 | 34 |
| 23.4 | 68.7 | 6534.4 | 450.0 | -20.3 | -24.6 | 214.3 | 21.5 | 12.2 | 17.8 | 317.7 | 321.1 | 1.0 | 60.7 | 17.8 | 34 |
| 24.8 | 72.1 | 6956.5 | 425.0 | -22.1 | -28.1 | 228.5 | 20.5 | 15.4 | 13.6 | 320.6 | 324.6 | 1.2 | 80.4 | 19.6 | 35 |
| 26.3 | 75.6 | 7398.6 | 400.0 | -26.7 | -38.3 | 238.7 | 19.5 | 16.6 | 10.7 | 320.3 | 321.5 | 0.3 | 32.2 | 21.2 | 36 |
| 27.7 | 79.1 | 7861.0 | 375.0 | -30.4 | -42.1 | 240.0 | 21.5 | 18.6 | 10.7 | 321.3 | 322.2 | 0.2 | 30.5 | 22.7 | 38 |
| 28.9 | 82.8 | 8347.5 | 350.0 | -33.9 | -44.0 | 240.4 | 25.1 | 21.8 | 12.4 | 321.3 | 322.2 | 0.2 | 41.1 | 24.4 | 39 |
| 30.3 | 86.6 | 8862.5 | 325.0 | -38.2 | -47.0 | 240.7 | 30.6 | 26.7 | 15.0 | 324.0 | 324.6 | 0.2 | 38.7 | 26.5 | 41 |
| 31.6 | 90.7 | 9407.6 | 300.0 | -43.7 | -52.9 | 245.3 | 33.5 | 30.4 | 14.0 | 324.0 | 324.6 | 0.2 | 38.7 | 28.5 | 41 |
| 33.4 | 94.8 | 9989.3 | 275.0 | -46.7 | -56.9 | 245.3 | 33.5 | 30.4 | 14.0 | 324.0 | 324.6 | 0.2 | 38.7 | 29.2 | 43 |
| 35.1 | 99.0 | 10615.9 | 250.0 | -50.5 | -60.9 | 248.1 | 34.6 | 32.1 | 12.9 | 325.1 | 324.6 | 0.2 | 38.7 | 29.2 | 43 |
| 36.9 | 103.6 | 11297.4 | 225.0 | -54.2 | -64.9 | 248.4 | 37.1 | 34.0 | 12.9 | 327.7 | 324.6 | 0.2 | 38.7 | 32.3 | 46 |
| 38.8 | 108.6 | 12044.2 | 200.0 | -58.6 | -68.9 | 243.1 | 41.8 | 37.4 | 19.0 | 331.1 | 324.6 | 0.2 | 38.7 | 35.6 | 48 |
| 41.1 | 113.8 | 12873.9 | 175.0 | -63.9 | -73.9 | 238.5 | 39.5 | 33.7 | 20.6 | 335.0 | 324.6 | 0.2 | 38.7 | 39.7 | 50 |
| 43.4 | 119.5 | 13815.9 | 150.0 | -62.2 | -72.9 | 241.1 | 40.5 | 35.5 | 19.6 | 344.5 | 324.6 | 0.2 | 38.7 | 44.5 | 51 |
| 45.9 | 125.0 | 14815.9 | 125.0 | -62.2 | -72.9 | 241.1 | 40.5 | 35.5 | 19.6 | 344.5 | 324.6 | 0.2 | 38.7 | 49.8 | 52 |
| 48.9 | 131.5 | 15815.9 | 100.0 | -62.2 | -72.9 | 241.1 | 40.5 | 35.5 | 19.6 | 344.5 | 324.6 | 0.2 | 38.7 | 54.8 | 52 |
| 51.9 | 138.0 | 16815.9 | 75.0 | -62.2 | -72.9 | 241.1 | 40.5 | 35.5 | 19.6 | 344.5 | 324.6 | 0.2 | 38.7 | 59.8 | 52 |
| 54.9 | 144.5 | 17815.9 | 50.0 | -62.2 | -72.9 | 241.1 | 40.5 | 35.5 | 19.6 | 344.5 | 324.6 | 0.2 | 38.7 | 64.8 | 52 |
| 57.9 | 151.0 | 18815.9 | 25.0 | -62.2 | -72.9 | 241.1 | 40.5 | 35.5 | 19.6 | 344.5 | 324.6 | 0.2 | 38.7 | 69.8 | 52 |
| 60.9 | 157.5 | 19815.9 | 0.0 | -62.2 | -72.9 | 241.1 | 40.5 | 35.5 | 19.6 | 344.5 | 324.6 | 0.2 | 38.7 | 74.8 | 52 |
| 63.9 | 164.0 | 20815.9 | 0.0 | -62.2 | -72.9 | 241.1 | 40.5 | 35.5 | 19.6 | 344.5 | 324.6 | 0.2 | 38.7 | 79.8 | 52 |
| 66.9 | 170.5 | 21815.9 | 0.0 | -62.2 | -72.9 | 241.1 | 40.5 | 35.5 | 19.6 | 344.5 | 324.6 | 0.2 | 38.7 | 84.8 | 52 |
| 69.9 | 177.0 | 22815.9 | 0.0 | -62.2 | -72.9 | 241.1 | 40.5 | 35.5 | 19.6 | 344.5 | 324.6 | 0.2 | 38.7 | 89.8 | 52 |
| 72.9 | 183.5 | 23815.9 | 0.0 | -62.2 | -72.9 | 241.1 | 40.5 | 35.5 | 19.6 | 344.5 | 324.6 | 0.2 | 38.7 | 94.8 | 52 |
| 75.9 | 190.0 | 24815.9 | 0.0 | -62.2 | -72.9 | 241.1 | 40.5 | 35.5 | 19.6 | 344.5 | 324.6 | 0.2 | 38.7 | 99.8 | 52 |
| 78.9 | 196.5 | 25815.9 | 0.0 | -62.2 | -72.9 | 241.1 | 40.5 | 35.5 | 19.6 | 344.5 | 324.6 | 0.2 | 38.7 | 104.8 | 52 |
| 81.9 | 203.0 | 26815.9 | 0.0 | -62.2 | -72.9 | 241.1 | 40.5 | 35.5 | 19.6 | 344.5 | 324.6 | 0.2 | 38.7 | 109.8 | 52 |
| 84.9 | 209.5 | 27815.9 | 0.0 | -62.2 | -72.9 | 241.1 | 40.5 | 35.5 | 19.6 | 344.5 | 324.6 | 0.2 | 38.7 | 114.8 | 52 |
| 87.9 | 216.0 | 28815.9 | 0.0 | -62.2 | -72.9 | 241.1 | 40.5 | 35.5 | 19.6 | 344.5 | 324.6 | 0.2 | 38.7 | 119.8 | 52 |
| 90.9 | 222.5 | 29815.9 | 0.0 | -62.2 | -72.9 | 241.1 | 40.5 | 35.5 | 19.6 | 344.5 | 324.6 | 0.2 | 38.7 | 124.8 | 52 |
| 93.9 | 229.0 | 30815.9 | 0.0 | -62.2 | -72.9 | 241.1 | 40.5 | 35.5 | 19.6 | 344.5 | 324.6 | 0.2 | 38.7 | 129.8 | 52 |
| 96.9 | 235.5 | 31815.9 | 0.0 | -62.2 | -72.9 | 241.1 | 40.5 | 35.5 | 19.6 | 344.5 | 324.6 | 0.2 | 38.7 | 134.8 | 52 |
| 99.9 | 242.0 | 32815.9 | 0.0 | -62.2 | -72.9 | 241.1 | 40.5 | 35.5 | 19.6 | 344.5 | 324.6 | 0.2 | 38.7 | 139.8 | 52 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 ** BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 *** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
 **** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 240
LAKE CHARLES, LOUISIANA
24 APRIL 1982
1415 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 5.1 | 5.0 | 1019.5 | 15.0 | 11.8 | 40.0 | 2.1 | -1.3 | -1.6 | 286.6 | 308.5 | 8.6 | 81.0 | 0.0 | 0 |
| 0.5 | 7.0 | 158.8 | 1000.0 | 14.7 | 10.3 | 99.9 | 99.9 | 99.9 | 99.9 | 287.9 | 308.4 | 7.9 | 81.0 | 999.9 | 999 |
| 1.3 | 9.5 | 333.9 | 975.0 | 15.5 | 12.5 | 99.9 | 99.9 | 99.9 | 99.9 | 290.8 | 315.2 | 9.4 | 82.5 | 999.9 | 999 |
| 2.1 | 12.0 | 831.0 | 950.0 | 15.3 | 14.5 | 99.9 | 99.9 | 99.9 | 99.9 | 292.7 | 322.1 | 11.3 | 97.4 | 999.9 | 999 |
| 2.9 | 14.6 | 831.0 | 925.0 | 13.5 | 13.0 | 159.2 | 6.2 | -1.2 | 6.1 | 283.1 | 320.0 | 10.3 | 97.0 | 1.0 | 312 |
| 3.7 | 17.1 | 1061.8 | 900.0 | 11.9 | 11.4 | 178.8 | 7.5 | -0.2 | 8.6 | 283.8 | 318.7 | 9.5 | 96.5 | 1.2 | 322 |
| 4.8 | 19.7 | 1298.0 | 875.0 | 11.0 | 10.6 | 178.5 | 8.6 | -0.2 | 8.6 | 295.2 | 319.7 | 9.2 | 97.4 | 1.6 | 332 |
| 5.6 | 22.2 | 1540.2 | 850.0 | 10.0 | 9.2 | 175.5 | 8.4 | -0.7 | 8.4 | 296.6 | 319.8 | 8.7 | 94.8 | 2.1 | 338 |
| 6.6 | 24.8 | 1788.2 | 825.0 | 8.7 | 4.1 | 166.8 | 5.6 | -1.3 | 5.4 | 297.8 | 314.9 | 6.3 | 73.2 | 2.5 | 340 |
| 7.4 | 27.3 | 2042.6 | 800.0 | 7.5 | 1.9 | 178.4 | 5.0 | -0.1 | 4.9 | 300.5 | 314.4 | 5.5 | 67.6 | 2.7 | 341 |
| 8.5 | 30.0 | 2303.7 | 775.0 | 6.2 | 1.5 | 189.3 | 4.7 | 0.8 | 4.9 | 300.5 | 315.8 | 5.5 | 71.8 | 3.0 | 343 |
| 9.4 | 32.6 | 2572.5 | 750.0 | 5.1 | 0.4 | 194.0 | 4.7 | 1.1 | 4.6 | 302.2 | 317.0 | 5.3 | 71.8 | 3.2 | 346 |
| 10.6 | 35.3 | 2849.7 | 725.0 | 4.6 | 0.3 | 184.6 | 6.1 | -0.5 | 6.0 | 304.5 | 322.2 | 6.2 | 84.9 | 3.5 | 348 |
| 11.7 | 38.0 | 3135.2 | 700.0 | 2.9 | 1.7 | 179.0 | 8.4 | -0.1 | 8.4 | 305.7 | 323.3 | 6.2 | 91.5 | 4.0 | 350 |
| 12.8 | 40.8 | 3429.6 | 675.0 | 1.3 | -2.5 | 179.0 | 8.6 | -0.1 | 8.6 | 307.1 | 320.8 | 5.3 | 92.2 | 4.6 | 351 |
| 13.9 | 43.6 | 3733.1 | 650.0 | -0.5 | -1.6 | 182.0 | 8.8 | 0.3 | 8.8 | 308.5 | 323.7 | 5.3 | 92.2 | 5.2 | 352 |
| 15.1 | 46.4 | 4046.2 | 625.0 | -2.5 | -4.4 | 186.8 | 8.5 | 1.0 | 8.4 | 309.6 | 322.7 | 4.4 | 86.9 | 5.8 | 353 |
| 16.2 | 49.2 | 4369.3 | 600.0 | -4.6 | -9.8 | 198.1 | 7.7 | 2.4 | 7.3 | 310.8 | 319.9 | 3.0 | 66.6 | 6.3 | 355 |
| 18.9 | 52.3 | 4702.8 | 575.0 | -7.3 | -12.4 | 206.3 | 8.2 | 3.6 | 7.4 | 311.5 | 319.3 | 2.6 | 66.4 | 6.8 | 357 |
| 20.1 | 55.3 | 5048.3 | 550.0 | -8.1 | -11.8 | 212.0 | 13.7 | 7.3 | 11.6 | 314.5 | 323.2 | 2.8 | 74.7 | 7.5 | 0 |
| 21.4 | 58.3 | 5409.4 | 525.0 | -9.7 | -13.7 | 216.8 | 16.4 | 9.8 | 13.2 | 316.8 | 324.7 | 2.2 | 70.6 | 8.5 | 5 |
| 22.7 | 61.4 | 5755.2 | 500.0 | -11.7 | -16.0 | 221.1 | 17.0 | 11.1 | 13.2 | 318.7 | 325.7 | 2.2 | 70.6 | 8.5 | 9 |
| 24.1 | 64.5 | 6176.6 | 475.0 | -14.2 | -18.7 | 224.1 | 18.2 | 12.7 | 13.1 | 320.4 | 326.4 | 1.8 | 68.7 | 10.7 | 12 |
| 25.6 | 67.7 | 6585.2 | 450.0 | -16.6 | -21.6 | 229.7 | 21.2 | 16.2 | 13.1 | 322.4 | 326.4 | 1.5 | 64.7 | 12.1 | 17 |
| 27.2 | 74.4 | 7461.0 | 425.0 | -19.2 | -24.5 | 237.8 | 24.7 | 20.9 | 13.1 | 324.4 | 328.5 | 1.2 | 62.5 | 13.8 | 23 |
| 28.8 | 77.9 | 7931.2 | 400.0 | -22.6 | -28.6 | 240.1 | 27.7 | 24.0 | 13.8 | 325.7 | 328.8 | 0.9 | 57.7 | 15.9 | 28 |
| 30.8 | 81.5 | 8426.2 | 375.0 | -30.2 | -32.1 | 239.5 | 29.8 | 25.6 | 15.1 | 326.3 | 328.7 | 0.7 | 59.8 | 18.4 | 33 |
| 32.6 | 85.3 | 8948.6 | 350.0 | -35.1 | -41.8 | 239.2 | 30.7 | 26.4 | 15.7 | 328.0 | 329.1 | 0.3 | 34.1 | 21.5 | 37 |
| 34.6 | 89.1 | 9502.1 | 300.0 | -39.3 | -53.2 | 244.0 | 32.5 | 29.2 | 14.2 | 328.4 | 328.7 | 0.1 | 13.6 | 24.8 | 40 |
| 36.8 | 93.2 | 10091.6 | 275.0 | -44.4 | -59.9 | 243.2 | 34.6 | 31.1 | 15.1 | 330.0 | 328.9 | 99.9 | 99.9 | 28.4 | 43 |
| 38.8 | 97.5 | 10722.8 | 250.0 | -49.5 | -66.6 | 242.6 | 35.2 | 32.6 | 15.1 | 330.0 | 328.9 | 99.9 | 99.9 | 32.6 | 46 |
| 41.3 | 102.0 | 11404.8 | 225.0 | -54.0 | -73.3 | 241.6 | 35.2 | 32.6 | 13.4 | 332.5 | 328.9 | 99.9 | 99.9 | 37.1 | 48 |
| 43.9 | 106.8 | 12154.5 | 200.0 | -57.9 | -79.9 | 239.9 | 39.4 | 37.6 | 11.8 | 335.8 | 328.9 | 99.9 | 99.9 | 42.0 | 51 |
| 46.7 | 112.0 | 12990.3 | 175.0 | -59.3 | -86.6 | 238.1 | 39.7 | 39.4 | 4.8 | 341.1 | 328.9 | 99.9 | 99.9 | 47.8 | 55 |
| 49.7 | 117.4 | 13970.5 | 150.0 | -56.1 | -93.9 | 236.9 | 35.6 | 35.4 | 3.7 | 352.1 | 328.9 | 99.9 | 99.9 | 53.4 | 58 |
| 53.2 | 123.5 | 15112.9 | 125.0 | -61.4 | -99.9 | 236.4 | 27.1 | 26.7 | 6.1 | 373.4 | 328.9 | 99.9 | 99.9 | 59.1 | 60 |
| 57.5 | 130.3 | 16496.5 | 100.0 | -61.5 | -99.9 | 233.1 | 20.4 | 20.3 | 11.7 | 383.8 | 328.9 | 99.9 | 99.9 | 64.2 | 61 |
| 62.7 | 138.0 | 18257.1 | 75.0 | -65.4 | -99.9 | 232.7 | 9.4 | 9.3 | 2.5 | 408.9 | 328.9 | 99.9 | 99.9 | 71.0 | 63 |
| 70.1 | 147.0 | 20769.7 | 50.0 | -58.1 | -99.9 | 176.7 | 5.2 | -0.3 | 1.3 | 435.8 | 328.9 | 99.9 | 99.9 | 74.0 | 63 |
| 81.7 | 157.0 | 25212.9 | 25.0 | -48.8 | -99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 644.5 | 328.9 | 99.9 | 99.9 | 74.3 | 64 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
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ORIGINAL PAGE 3
OF POOR QUALITY

STATION NO. 240
LAKE CHARLES, LOUISIANA
24 APRIL 1982
1715 GMT

| TIME MIN | CNTCT | HEIGHT ' GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|-----------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 5.1 | 5.0 | 1019.5 | 15.6 | 14.0 | 40.0 | 3.1 | -2.0 | -2.4 | 287.2 | 312.4 | 9.9 | 90.0 | 0.0 | 0.0 |
| 0.7 | 6.9 | 169.0 | 1000.0 | 14.6 | 13.7 | 94.0 | 4.3 | -4.3 | 0.3 | 287.7 | 313.1 | 9.9 | 94.5 | 0.2 | 226.0 |
| 1.5 | 9.1 | 384.2 | 975.0 | 16.1 | 15.6 | 148.2 | 5.0 | -2.7 | 4.3 | 291.4 | 313.0 | 11.5 | 96.5 | 0.3 | 274.0 |
| 2.5 | 13.8 | 805.5 | 950.0 | 14.9 | 14.4 | 195.6 | 3.3 | 0.9 | 3.2 | 292.3 | 320.7 | 11.0 | 97.2 | 0.5 | 305.0 |
| 3.4 | 13.5 | 831.1 | 925.0 | 13.2 | 12.7 | 222.8 | 3.5 | 2.4 | 2.6 | 292.8 | 319.1 | 10.1 | 98.8 | 0.5 | 326.0 |
| 4.4 | 16.2 | 1062.3 | 900.0 | 12.8 | 12.3 | 207.8 | 5.3 | 2.5 | 4.7 | 294.7 | 321.3 | 10.1 | 98.8 | 0.8 | 348.0 |
| 5.4 | 18.6 | 1299.2 | 875.0 | 11.9 | 11.3 | 207.8 | 9.5 | 2.4 | 9.2 | 296.1 | 321.9 | 9.7 | 98.5 | 1.0 | 1.0 |
| 6.5 | 21.1 | 1542.3 | 850.0 | 11.4 | 10.4 | 192.0 | 10.0 | 2.1 | 9.2 | 298.0 | 323.9 | 9.4 | 98.5 | 1.7 | 6.0 |
| 7.6 | 23.6 | 1791.8 | 825.0 | 9.4 | 7.4 | 193.1 | 8.8 | 2.0 | 8.5 | 298.6 | 323.3 | 7.9 | 97.2 | 2.3 | 7.0 |
| 8.7 | 26.1 | 2046.7 | 800.0 | 8.2 | 6.8 | 198.2 | 10.0 | 3.1 | 9.5 | 300.0 | 321.2 | 7.8 | 97.5 | 2.9 | 9.0 |
| 9.7 | 28.5 | 2309.1 | 775.0 | 6.7 | 5.2 | 193.2 | 10.0 | 2.3 | 9.5 | 302.0 | 320.8 | 7.3 | 90.5 | 3.5 | 11.0 |
| 10.8 | 31.1 | 2578.2 | 750.0 | 5.7 | 5.0 | 182.6 | 11.0 | 0.5 | 11.0 | 302.8 | 323.1 | 7.3 | 94.7 | 4.1 | 10.0 |
| 11.8 | 33.8 | 2855.2 | 725.0 | 3.5 | 2.9 | 181.8 | 13.3 | 0.4 | 13.3 | 303.3 | 321.6 | 6.8 | 98.4 | 4.9 | 8.0 |
| 12.9 | 36.4 | 3139.7 | 700.0 | 0.4 | 0.2 | 179.2 | 14.5 | -0.2 | 14.5 | 304.3 | 321.6 | 6.0 | 97.6 | 5.8 | 8.0 |
| 14.0 | 39.3 | 3432.8 | 675.0 | 0.4 | 0.2 | 173.8 | 14.2 | -1.5 | 14.1 | 306.1 | 322.6 | 5.8 | 98.4 | 6.7 | 6.0 |
| 15.3 | 42.1 | 3735.8 | 650.0 | -0.5 | -0.7 | 173.5 | 15.5 | -1.7 | 15.4 | 308.4 | 324.5 | 5.8 | 98.4 | 7.8 | 4.0 |
| 16.7 | 45.0 | 4049.3 | 625.0 | -1.9 | -1.9 | 173.9 | 16.2 | -1.7 | 16.1 | 310.3 | 325.8 | 5.3 | 98.9 | 9.2 | 3.0 |
| 18.7 | 48.0 | 4374.0 | 600.0 | -3.0 | -4.4 | 177.3 | 16.4 | -0.8 | 16.4 | 312.7 | 325.3 | 4.6 | 90.1 | 11.1 | 1.0 |
| 20.4 | 51.1 | 4710.5 | 575.0 | -4.9 | -6.7 | 195.5 | 17.4 | 4.6 | 16.8 | 314.3 | 326.3 | 4.0 | 87.2 | 12.8 | 1.0 |
| 22.1 | 54.3 | 5059.6 | 550.0 | -6.7 | -9.0 | 215.6 | 19.2 | 11.2 | 15.6 | 316.1 | 326.9 | 3.5 | 83.7 | 14.5 | 5.0 |
| 23.8 | 57.5 | 5422.2 | 525.0 | -8.6 | -11.4 | 222.9 | 22.0 | 15.0 | 16.1 | 318.1 | 327.5 | 3.0 | 80.1 | 16.1 | 9.0 |
| 25.2 | 60.9 | 5799.7 | 500.0 | -10.3 | -13.2 | 229.8 | 24.4 | 18.7 | 15.8 | 320.5 | 329.1 | 2.8 | 79.0 | 17.6 | 13.0 |
| 26.7 | 64.3 | 6193.7 | 475.0 | -13.2 | -17.7 | 236.5 | 25.1 | 20.9 | 13.8 | 321.6 | 328.1 | 2.0 | 68.6 | 19.6 | 17.0 |
| 28.3 | 66.0 | 6603.9 | 450.0 | -15.8 | -21.0 | 239.6 | 25.6 | 22.1 | 13.0 | 323.4 | 328.6 | 1.8 | 64.3 | 21.4 | 21.0 |
| 29.9 | 71.5 | 7030.9 | 425.0 | -20.8 | -26.6 | 238.0 | 28.6 | 23.7 | 16.0 | 322.3 | 323.7 | 0.4 | 23.3 | 23.5 | 25.0 |
| 31.4 | 75.2 | 7476.3 | 400.0 | -23.5 | -34.2 | 238.3 | 25.9 | 22.0 | 13.6 | 324.5 | 326.3 | 0.5 | 23.2 | 25.8 | 28.0 |
| 33.0 | 79.3 | 7945.8 | 375.0 | -27.3 | -46.0 | 235.5 | 25.5 | 21.0 | 14.5 | 325.5 | 326.3 | 0.2 | 23.2 | 27.8 | 30.0 |
| 34.6 | 83.3 | 8439.5 | 350.0 | -30.4 | -44.2 | 233.6 | 25.5 | 20.5 | 15.1 | 327.8 | 326.1 | 0.2 | 25.1 | 30.3 | 32.0 |
| 36.6 | 87.8 | 8962.7 | 325.0 | -34.2 | -42.8 | 240.5 | 27.2 | 23.7 | 13.4 | 329.6 | 330.6 | 0.3 | 25.1 | 32.8 | 34.0 |
| 38.6 | 92.3 | 9517.5 | 300.0 | -39.3 | -49.9 | 244.0 | 27.0 | 24.3 | 11.9 | 329.9 | 330.6 | 99.9 | 99.9 | 35.8 | 37.0 |
| 40.5 | 97.0 | 10106.7 | 275.0 | -44.7 | -59.9 | 241.3 | 32.0 | 28.1 | 15.4 | 330.9 | 330.6 | 99.9 | 99.9 | 38.9 | 39.0 |
| 42.8 | 102.2 | 10739.6 | 250.0 | -48.4 | -64.7 | 241.2 | 36.2 | 31.7 | 17.4 | 333.7 | 330.9 | 99.9 | 99.9 | 43.0 | 41.0 |
| 45.1 | 107.5 | 11428.0 | 225.0 | -53.2 | -69.9 | 248.3 | 41.6 | 38.7 | 15.4 | 337.0 | 330.9 | 99.9 | 99.9 | 48.4 | 44.0 |
| 47.8 | 113.2 | 12176.9 | 200.0 | -57.6 | -74.6 | 256.7 | 41.6 | 40.5 | 9.6 | 341.5 | 330.9 | 99.9 | 99.9 | 54.4 | 47.0 |
| 50.7 | 119.5 | 13012.6 | 175.0 | -59.6 | -79.9 | 253.8 | 40.7 | 39.1 | 11.3 | 341.5 | 330.9 | 99.9 | 99.9 | 61.1 | 51.0 |
| 54.1 | 126.0 | 13989.9 | 150.0 | -54.0 | -74.6 | 254.8 | 30.0 | 29.0 | 17.9 | 377.1 | 330.9 | 99.9 | 99.9 | 67.5 | 53.0 |
| 57.8 | 133.2 | 15148.3 | 125.0 | -60.0 | -79.9 | 246.6 | 27.7 | 25.5 | 11.0 | 386.4 | 330.9 | 99.9 | 99.9 | 73.1 | 54.0 |
| 62.5 | 140.7 | 16532.2 | 100.0 | -62.5 | -79.9 | 273.0 | 15.4 | 15.4 | -0.8 | 407.0 | 330.9 | 99.9 | 99.9 | 80.1 | 56.0 |
| 68.7 | 149.0 | 18293.1 | 75.0 | -64.4 | -79.9 | 278.0 | 9.1 | 9.1 | -1.0 | 437.8 | 330.9 | 99.9 | 99.9 | 82.6 | 57.0 |
| 76.6 | 157.3 | 20812.8 | 50.0 | -59.1 | -79.9 | 196.4 | 4.2 | 1.2 | 4.1 | 504.2 | 330.9 | 99.9 | 99.9 | 83.8 | 57.0 |
| 88.0 | 165.5 | 25258.3 | 25.0 | -49.9 | -79.9 | 165.2 | 4.0 | -1.0 | 3.9 | 641.5 | 330.9 | 99.9 | 99.9 | 83.4 | 57.0 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
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 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
 ** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

STATION NO. 240
LAKE CHARLES, LOUISIANA

24 APRIL 1982
2015 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 5.2 | 5.0 | 1017.1 | 15.7 | 15.6 | 40.0 | 3.1 | -2.0 | -2.4 | 288.5 | 316.5 | 11.0 | 93.0 | 0.0 | 0 |
| 0.5 | 6.7 | 149.7 | 1000.0 | 15.8 | 15.3 | 50.5 | 4.8 | -3.7 | -3.0 | 289.0 | 317.1 | 11.0 | 96.7 | 0.2 | 196 |
| 1.3 | 8.9 | 385.0 | 975.0 | 15.1 | 14.8 | 87.9 | 5.3 | -5.3 | -0.2 | 290.4 | 318.5 | 10.9 | 97.9 | 0.4 | 219 |
| 2.1 | 11.1 | 586.1 | 950.0 | 15.7 | 15.2 | 127.8 | 5.9 | -4.7 | 3.6 | 293.1 | 323.0 | 11.5 | 96.9 | 0.5 | 254 |
| 2.9 | 13.5 | 812.9 | 925.0 | 14.7 | 14.3 | 138.2 | 5.7 | -3.8 | 4.2 | 294.4 | 324.5 | 11.2 | 97.0 | 0.7 | 273 |
| 3.6 | 15.7 | 1045.0 | 900.0 | 13.9 | 13.5 | 129.7 | 7.6 | -5.9 | 4.9 | 295.9 | 324.6 | 10.9 | 97.4 | 0.9 | 285 |
| 4.3 | 18.1 | 1282.9 | 875.0 | 12.7 | 12.4 | 135.1 | 8.8 | -5.9 | 5.9 | 297.0 | 324.6 | 10.4 | 97.7 | 1.2 | 292 |
| 5.1 | 20.5 | 1526.8 | 850.0 | 11.9 | 11.7 | 148.3 | 8.8 | -4.6 | 7.5 | 298.6 | 326.1 | 10.3 | 98.9 | 1.6 | 299 |
| 6.0 | 22.9 | 1776.8 | 825.0 | 10.0 | 9.9 | 163.6 | 9.3 | -2.6 | 8.9 | 299.2 | 324.3 | 9.3 | 98.9 | 2.0 | 307 |
| 6.9 | 25.4 | 2032.8 | 800.0 | 8.7 | 8.7 | 173.8 | 10.8 | -1.2 | 10.8 | 300.4 | 324.5 | 8.9 | 100.6 | 2.4 | 316 |
| 7.9 | 27.9 | 2295.4 | 775.0 | 6.9 | 6.2 | 177.0 | 11.3 | -0.6 | 11.2 | 301.3 | 322.5 | 7.7 | 94.9 | 3.0 | 324 |
| 9.0 | 30.5 | 2564.8 | 750.0 | 5.5 | 5.2 | 185.0 | 13.2 | 1.2 | 13.1 | 302.5 | 323.1 | 7.4 | 98.2 | 3.6 | 332 |
| 10.0 | 33.1 | 2842.3 | 725.0 | 4.4 | 3.9 | 191.8 | 16.3 | 3.3 | 15.9 | 304.3 | 324.0 | 7.0 | 96.8 | 4.4 | 339 |
| 11.0 | 35.8 | 3128.2 | 700.0 | 3.4 | 3.1 | 199.4 | 19.0 | 6.3 | 17.9 | 306.3 | 325.7 | 6.9 | 97.6 | 5.3 | 346 |
| 11.9 | 38.6 | 3423.3 | 675.0 | 2.1 | 1.0 | 204.6 | 20.5 | 8.5 | 18.6 | 308.0 | 325.5 | 6.1 | 92.8 | 6.2 | 352 |
| 12.9 | 41.3 | 3727.7 | 650.0 | 0.5 | -0.9 | 207.7 | 21.2 | 9.9 | 18.9 | 309.6 | 325.6 | 5.5 | 90.1 | 7.2 | 357 |
| 14.0 | 44.2 | 4043.1 | 625.0 | 0.5 | -0.7 | 216.1 | 21.2 | 12.5 | 17.2 | 313.0 | 330.1 | 5.8 | 91.6 | 8.4 | 3 |
| 15.1 | 47.1 | 4370.3 | 600.0 | -1.2 | -2.6 | 228.0 | 21.1 | 15.7 | 14.1 | 314.7 | 330.4 | 5.3 | 90.4 | 9.6 | 8 |
| 16.5 | 50.1 | 4708.9 | 575.0 | -3.6 | -5.6 | 239.4 | 20.8 | 17.9 | 10.6 | 315.8 | 329.0 | 4.4 | 85.8 | 10.8 | 14 |
| 18.0 | 53.3 | 5058.8 | 550.0 | -6.6 | -10.2 | 241.4 | 21.3 | 18.7 | 10.2 | 316.3 | 326.1 | 3.2 | 75.4 | 12.2 | 21 |
| 19.4 | 56.5 | 5421.4 | 525.0 | -8.8 | -13.5 | 240.5 | 21.1 | 18.3 | 10.4 | 317.9 | 325.9 | 2.2 | 68.6 | 13.6 | 26 |
| 20.6 | 59.8 | 5798.1 | 500.0 | -11.2 | -16.1 | 239.1 | 20.9 | 17.9 | 10.8 | 319.4 | 326.3 | 2.2 | 67.1 | 14.9 | 29 |
| 21.9 | 63.1 | 6189.9 | 475.0 | -13.8 | -18.9 | 237.8 | 21.4 | 18.1 | 11.4 | 320.9 | 326.7 | 1.8 | 65.3 | 16.3 | 32 |
| 23.3 | 66.6 | 6598.1 | 450.0 | -17.4 | -27.2 | 231.8 | 22.9 | 18.0 | 14.2 | 321.4 | 324.5 | 0.9 | 42.1 | 18.0 | 34 |
| 24.6 | 70.1 | 7023.3 | 425.0 | -20.9 | -34.6 | 233.6 | 24.8 | 20.0 | 14.7 | 322.2 | 323.8 | 0.5 | 27.9 | 19.9 | 36 |
| 26.1 | 73.8 | 7469.3 | 400.0 | -22.9 | -39.8 | 242.6 | 23.5 | 20.8 | 10.8 | 325.3 | 323.0 | 0.8 | 52.8 | 22.0 | 38 |
| 27.9 | 77.8 | 7937.8 | 375.0 | -27.7 | -45.9 | 246.9 | 24.5 | 20.8 | 9.6 | 325.0 | 325.6 | 0.2 | 15.6 | 24.2 | 41 |
| 29.7 | 82.0 | 8429.2 | 350.0 | -32.1 | -50.6 | 251.5 | 27.0 | 22.6 | 8.5 | 325.5 | 325.9 | 0.1 | 13.8 | 26.6 | 44 |
| 31.5 | 86.2 | 8949.6 | 325.0 | -35.0 | -53.4 | 251.8 | 31.8 | 25.6 | 8.9 | 328.4 | 328.7 | 0.1 | 13.2 | 29.5 | 47 |
| 33.5 | 90.6 | 9503.5 | 300.0 | -38.6 | -59.9 | 248.4 | 35.1 | 32.6 | 12.9 | 331.0 | 329.9 | 99.9 | 999.9 | 33.1 | 49 |
| 35.6 | 95.6 | 10096.6 | 275.0 | -42.5 | -66.6 | 245.7 | 35.3 | 32.1 | 14.5 | 333.6 | 329.9 | 99.9 | 999.9 | 37.5 | 51 |
| 37.7 | 100.6 | 10733.8 | 250.0 | -47.4 | -73.4 | 248.7 | 35.6 | 33.2 | 12.9 | 335.7 | 329.9 | 99.9 | 999.9 | 41.8 | 53 |
| 40.0 | 106.0 | 11422.4 | 225.0 | -52.4 | -79.9 | 258.6 | 35.9 | 35.2 | 7.1 | 338.2 | 329.9 | 99.9 | 999.9 | 46.4 | 55 |
| 42.4 | 111.8 | 12175.2 | 200.0 | -57.3 | -86.9 | 258.6 | 35.2 | 34.5 | 7.0 | 342.1 | 329.9 | 99.9 | 999.9 | 51.1 | 58 |
| 45.3 | 118.0 | 13013.2 | 175.0 | -59.8 | -89.9 | 247.8 | 37.4 | 34.6 | 14.1 | 351.2 | 329.9 | 99.9 | 999.9 | 56.6 | 59 |
| 48.3 | 124.5 | 13973.2 | 150.0 | -60.4 | -90.9 | 251.6 | 35.6 | 33.7 | 11.2 | 366.1 | 329.9 | 99.9 | 999.9 | 62.7 | 60 |
| 52.1 | 131.3 | 15122.9 | 125.0 | -58.8 | -89.9 | 255.2 | 25.5 | 24.7 | 6.5 | 388.6 | 329.9 | 99.9 | 999.9 | 70.8 | 61 |
| 56.5 | 138.7 | 16510.0 | 100.0 | -63.7 | -99.9 | 260.5 | 22.0 | 21.7 | 3.7 | 404.6 | 329.9 | 99.9 | 999.9 | 76.6 | 63 |
| 62.0 | 146.7 | 18264.1 | 75.0 | -64.4 | -99.9 | 263.2 | 7.8 | 7.7 | 0.9 | 437.8 | 329.9 | 99.9 | 999.9 | 80.6 | 64 |
| 68.6 | 155.0 | 20765.2 | 50.0 | -59.3 | -99.9 | 325.4 | 3.7 | 2.1 | -3.1 | 503.8 | 329.9 | 99.9 | 999.9 | 82.3 | 64 |
| 81.4 | 163.3 | 25207.7 | 25.0 | -50.9 | -99.9 | 253.2 | 5.9 | 5.6 | 1.7 | 638.7 | 329.9 | 99.9 | 999.9 | 82.1 | 63 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL P
OF POOR C

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 240
LAKE CHARLES, LOUISIANA
25 APRIL 1982
215 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RIO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 5.6 | 5.0 | 1013.7 | 16.1 | 15.6 | 350.0 | 4.1 | 0.7 | -4.0 | 288.1 | 316.4 | 11.1 | 97.0 | 0.0 | 0 |
| 0.5 | 7.0 | 120.9 | 1000.0 | 15.5 | 14.8 | 23.4 | 3.6 | -1.5 | -3.3 | 288.7 | 315.9 | 10.7 | 95.4 | 0.2 | 168 |
| 1.3 | 9.6 | 336.8 | 975.0 | 16.4 | 15.6 | 82.6 | 4.1 | -4.0 | -0.5 | 291.6 | 321.4 | 11.6 | 95.3 | 0.3 | 194 |
| 2.3 | 12.1 | 558.7 | 950.0 | 16.3 | 15.5 | 122.3 | 6.7 | -5.6 | 3.6 | 293.7 | 324.3 | 11.8 | 95.1 | 0.4 | 252 |
| 3.3 | 14.7 | 785.9 | 925.0 | 15.4 | 14.6 | 134.9 | 8.1 | -5.7 | 5.7 | 295.0 | 324.9 | 11.4 | 95.2 | 0.7 | 282 |
| 4.4 | 17.2 | 1018.7 | 900.0 | 14.2 | 13.4 | 152.3 | 8.9 | -4.0 | 8.0 | 296.2 | 324.8 | 10.5 | 95.0 | 1.2 | 300 |
| 5.3 | 19.8 | 1257.0 | 875.0 | 13.2 | 12.6 | 175.9 | 7.2 | -0.5 | 7.2 | 297.5 | 325.6 | 10.5 | 95.8 | 1.6 | 311 |
| 6.3 | 22.4 | 1501.3 | 850.0 | 12.0 | 11.3 | 203.8 | 6.2 | 2.5 | 5.7 | 298.7 | 325.4 | 10.0 | 95.6 | 1.8 | 321 |
| 7.3 | 25.0 | 1751.4 | 825.0 | 10.5 | 9.8 | 219.3 | 6.3 | 4.0 | 4.9 | 299.7 | 324.8 | 9.3 | 95.4 | 2.0 | 331 |
| 8.3 | 27.7 | 2007.9 | 800.0 | 9.0 | 8.3 | 232.7 | 5.6 | 4.4 | 3.4 | 300.8 | 324.3 | 8.6 | 95.1 | 2.1 | 341 |
| 9.2 | 30.3 | 2271.0 | 775.0 | 7.6 | 6.8 | 244.8 | 4.0 | 3.6 | 1.7 | 302.0 | 323.7 | 8.1 | 94.8 | 2.2 | 348 |
| 10.2 | 33.0 | 2541.0 | 750.0 | 6.0 | 5.2 | 268.6 | 4.2 | 4.2 | 0.1 | 303.1 | 323.1 | 7.4 | 94.5 | 2.2 | 353 |
| 11.2 | 35.7 | 2818.3 | 725.0 | 3.7 | 1.4 | 273.0 | 5.8 | 5.8 | -0.3 | 303.5 | 320.1 | 5.9 | 85.1 | 2.1 | 1 |
| 12.3 | 38.5 | 3103.0 | 700.0 | 2.5 | 0.3 | 268.4 | 7.5 | 7.5 | 0.2 | 305.3 | 321.3 | 5.6 | 85.6 | 2.2 | 13 |
| 13.3 | 41.2 | 3397.1 | 675.0 | 1.6 | 0.4 | 264.2 | 7.7 | 7.7 | 0.8 | 307.4 | 324.2 | 5.7 | 85.6 | 2.4 | 24 |
| 14.3 | 44.1 | 3700.5 | 650.0 | -0.5 | -0.5 | 258.0 | 6.9 | 6.7 | 1.4 | 308.4 | 324.7 | 5.7 | 100.0 | 2.6 | 32 |
| 15.4 | 47.0 | 4014.4 | 625.0 | -0.8 | -0.8 | 247.0 | 7.0 | 6.5 | 2.7 | 311.5 | 328.4 | 5.8 | 100.0 | 3.0 | 38 |
| 16.5 | 49.9 | 4340.2 | 600.0 | -3.4 | -3.5 | 243.0 | 7.4 | 6.6 | 3.4 | 312.1 | 326.7 | 4.9 | 99.8 | 3.4 | 41 |
| 17.6 | 52.9 | 4675.8 | 575.0 | -6.5 | -8.0 | 242.6 | 8.8 | 7.8 | 4.1 | 312.4 | 323.4 | 3.7 | 89.2 | 3.9 | 44 |
| 18.6 | 55.9 | 5022.4 | 550.0 | -8.5 | -9.8 | 242.3 | 11.0 | 9.8 | 5.1 | 314.0 | 324.1 | 3.3 | 89.9 | 4.6 | 47 |
| 20.0 | 59.0 | 5381.8 | 525.0 | -11.0 | -11.6 | 233.5 | 14.4 | 11.5 | 8.5 | 315.2 | 324.4 | 3.0 | 95.4 | 5.5 | 49 |
| 21.3 | 62.0 | 5754.3 | 500.0 | -14.1 | -17.0 | 232.0 | 16.0 | 12.6 | 9.9 | 315.8 | 318.6 | 0.8 | 95.4 | 6.7 | 49 |
| 23.0 | 65.2 | 6140.3 | 475.0 | -18.1 | -24.3 | 236.4 | 18.3 | 13.6 | 9.0 | 316.6 | 317.1 | 0.8 | 95.4 | 8.3 | 50 |
| 24.5 | 68.5 | 6543.3 | 450.0 | -19.9 | -28.9 | 244.5 | 19.4 | 19.4 | 9.2 | 318.3 | 320.9 | 0.8 | 95.4 | 9.9 | 52 |
| 26.2 | 71.9 | 6984.2 | 425.0 | -22.9 | -35.3 | 251.7 | 21.5 | 19.4 | 8.2 | 319.7 | 320.2 | 0.2 | 95.4 | 12.4 | 55 |
| 28.8 | 75.3 | 7406.9 | 400.0 | -25.2 | -44.9 | 251.0 | 28.2 | 26.8 | 8.8 | 319.7 | 320.2 | 0.2 | 95.4 | 15.2 | 58 |
| 29.6 | 78.9 | 7871.9 | 375.0 | -28.8 | -48.9 | 253.3 | 31.9 | 30.1 | 10.4 | 322.3 | 322.9 | 0.1 | 95.4 | 18.7 | 61 |
| 31.3 | 82.4 | 8362.5 | 350.0 | -32.1 | -51.7 | 252.8 | 34.0 | 32.6 | 9.8 | 323.5 | 323.9 | 0.1 | 95.4 | 22.3 | 63 |
| 33.3 | 86.3 | 8880.7 | 325.0 | -36.5 | -55.1 | 252.3 | 35.9 | 34.3 | 10.6 | 325.4 | 325.8 | 0.1 | 95.4 | 26.5 | 65 |
| 35.4 | 90.3 | 9430.1 | 300.0 | -41.2 | -59.9 | 252.3 | 37.5 | 35.7 | 11.4 | 326.4 | 326.6 | 0.1 | 95.4 | 31.2 | 66 |
| 37.6 | 94.3 | 10017.1 | 275.0 | -44.7 | -64.7 | 255.3 | 39.7 | 35.7 | 11.0 | 327.3 | 327.3 | 99.9 | 99.9 | 38.2 | 67 |
| 40.2 | 98.7 | 10648.9 | 250.0 | -48.8 | -69.9 | 255.3 | 41.1 | 38.7 | 10.1 | 330.6 | 327.3 | 99.9 | 99.9 | 42.5 | 68 |
| 43.6 | 103.4 | 11332.5 | 225.0 | -53.6 | -75.9 | 254.8 | 41.1 | 38.7 | 10.8 | 332.5 | 327.3 | 99.9 | 99.9 | 50.4 | 69 |
| 46.8 | 108.2 | 12084.8 | 200.0 | -57.4 | -81.9 | 252.6 | 36.3 | 36.6 | 11.4 | 336.4 | 327.3 | 99.9 | 99.9 | 57.7 | 69 |
| 49.9 | 113.4 | 12918.7 | 175.0 | -62.8 | -87.9 | 246.2 | 34.1 | 30.9 | 14.3 | 341.8 | 327.3 | 99.9 | 99.9 | 64.1 | 69 |
| 53.6 | 119.2 | 13864.9 | 150.0 | -62.9 | -99.9 | 252.4 | 37.2 | 34.1 | 14.9 | 346.3 | 327.3 | 99.9 | 99.9 | 71.6 | 69 |
| 57.7 | 125.5 | 15002.2 | 125.0 | -61.1 | -99.9 | 257.1 | 29.6 | 28.8 | 6.6 | 384.4 | 327.3 | 99.9 | 99.9 | 80.5 | 69 |
| 62.5 | 132.3 | 16374.0 | 100.0 | -66.1 | -99.9 | 249.4 | 20.4 | 19.1 | 7.2 | 400.1 | 327.3 | 99.9 | 99.9 | 87.5 | 70 |
| 68.3 | 140.5 | 18112.3 | 75.0 | -63.0 | -99.9 | 268.0 | 7.8 | 7.8 | 0.3 | 434.5 | 327.3 | 99.9 | 99.9 | 91.6 | 70 |
| 78.4 | 149.7 | 20586.5 | 50.0 | -63.0 | -99.9 | 186.9 | 6.8 | 0.8 | 6.8 | 495.2 | 327.3 | 99.9 | 99.9 | 93.3 | 70 |
| 90.3 | 159.7 | 24967.0 | 25.0 | -53.7 | -99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 530.6 | 327.3 | 99.9 | 99.9 | 999.9 | 999 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 ** BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED
 *** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
 **** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE 13
OF POOR QUALITY

STATION NO. 240
LAKE CHARLES, LOUISIANA

25 APRIL 1982
515 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO CM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 5.6 | 5.0 | 1013.0 | 16.1 | 15.6 | 10.0 | 3.1 | -0.5 | -3.1 | 288.2 | 316.5 | 11.1 | 97.0 | 0.0 | 0 |
| 0.4 | 6.8 | 115.3 | 1000.0 | 16.3 | 15.9 | 64.0 | 5.4 | -4.9 | -2.4 | 289.5 | 318.6 | 11.5 | 97.5 | 0.2 | 200 |
| 1.3 | 9.2 | 331.8 | 975.0 | 17.1 | 16.9 | 99.5 | 5.3 | -5.2 | 0.9 | 292.4 | 324.8 | 12.5 | 98.1 | 0.4 | 236 |
| 2.2 | 11.7 | 554.3 | 950.0 | 18.9 | 16.4 | 138.0 | 6.1 | -4.1 | 4.0 | 294.3 | 326.3 | 12.5 | 97.3 | 0.6 | 265 |
| 2.9 | 14.1 | 782.3 | 925.0 | 16.3 | 15.8 | 187.9 | 7.3 | -1.9 | 7.0 | 296.0 | 328.3 | 11.8 | 97.3 | 0.8 | 288 |
| 3.7 | 16.6 | 1015.9 | 900.0 | 15.2 | 14.7 | 187.9 | 7.0 | 1.0 | 4.7 | 297.2 | 328.4 | 11.1 | 96.9 | 0.9 | 308 |
| 4.4 | 19.1 | 1254.9 | 875.0 | 13.9 | 13.4 | 210.6 | 5.5 | 2.8 | 3.4 | 298.2 | 327.8 | 10.6 | 96.7 | 1.0 | 322 |
| 5.1 | 21.5 | 1498.9 | 850.0 | 12.6 | 12.4 | 233.7 | 5.5 | 4.6 | 3.4 | 299.3 | 327.6 | 9.7 | 97.2 | 1.1 | 334 |
| 5.8 | 24.1 | 1750.3 | 825.0 | 10.6 | 10.4 | 232.8 | 5.5 | 4.4 | 2.7 | 300.9 | 325.9 | 9.7 | 98.4 | 1.2 | 353 |
| 6.2 | 26.6 | 2007.3 | 800.0 | 9.3 | 7.0 | 236.3 | 4.8 | 4.0 | 2.7 | 301.1 | 322.8 | 7.9 | 85.8 | 1.4 | 5 |
| 6.6 | 29.2 | 2269.4 | 775.0 | 6.7 | -3.1 | 256.5 | 4.8 | 4.7 | 1.1 | 302.3 | 312.2 | 3.9 | 49.2 | 1.6 | 15 |
| 8.5 | 31.8 | 2538.1 | 750.0 | 5.2 | -3.8 | 265.3 | 6.2 | 8.2 | 0.5 | 302.3 | 312.2 | 3.9 | 52.0 | 1.8 | 24 |
| 10.7 | 34.4 | 2814.1 | 725.0 | 3.1 | -7.0 | 271.7 | 7.2 | 7.2 | -0.2 | 302.8 | 311.9 | 2.7 | 47.3 | 2.0 | 36 |
| 11.7 | 37.1 | 3097.6 | 700.0 | 1.5 | -9.5 | 268.9 | 8.7 | 8.7 | 0.2 | 304.2 | 312.1 | 2.3 | 43.6 | 2.2 | 47 |
| 12.8 | 39.9 | 3389.7 | 675.0 | -0.4 | -11.7 | 263.1 | 10.1 | 10.0 | 1.2 | 305.8 | 314.7 | 2.3 | 41.8 | 2.3 | 55 |
| 14.0 | 42.6 | 3690.9 | 650.0 | -1.9 | -10.6 | 252.3 | 11.3 | 10.8 | 3.4 | 306.8 | 314.7 | 2.6 | 51.6 | 2.5 | 60 |
| 15.1 | 45.3 | 4002.6 | 625.0 | -3.0 | -5.7 | 234.6 | 13.0 | 10.6 | 7.5 | 309.0 | 321.0 | 4.1 | 82.6 | 3.5 | 61 |
| 16.4 | 48.1 | 4265.0 | 600.0 | -4.0 | -4.3 | 226.5 | 13.5 | 9.8 | 9.3 | 311.5 | 325.2 | 4.7 | 98.1 | 4.3 | 61 |
| 17.8 | 51.0 | 4600.8 | 575.0 | -5.5 | -7.7 | 228.6 | 14.7 | 9.8 | 9.7 | 312.4 | 323.6 | 3.7 | 91.0 | 5.3 | 58 |
| 19.3 | 54.0 | 5007.1 | 550.0 | -9.3 | -11.9 | 228.5 | 16.6 | 12.6 | 10.8 | 313.1 | 321.6 | 2.8 | 81.0 | 6.5 | 56 |
| 20.9 | 57.0 | 5366.3 | 525.0 | -11.2 | -14.5 | 228.8 | 18.9 | 14.2 | 12.4 | 315.0 | 321.6 | 2.4 | 76.4 | 7.9 | 55 |
| 22.3 | 60.0 | 5739.6 | 500.0 | -13.7 | -20.6 | 230.8 | 19.1 | 14.8 | 12.1 | 316.3 | 321.1 | 1.5 | 56.0 | 9.5 | 54 |
| 24.0 | 63.1 | 6137.1 | 475.0 | -17.0 | -39.0 | 241.1 | 19.3 | 16.9 | 9.3 | 317.0 | 317.9 | 0.3 | 12.6 | 11.2 | 53 |
| 25.7 | 66.4 | 6530.8 | 450.0 | -19.9 | -40.8 | 243.8 | 19.9 | 17.8 | 8.8 | 318.2 | 319.1 | 0.2 | 13.5 | 13.1 | 55 |
| 27.3 | 69.6 | 6952.8 | 425.0 | -21.9 | -42.9 | 247.9 | 22.5 | 20.9 | 8.5 | 320.9 | 323.2 | 0.2 | 12.8 | 15.0 | 58 |
| 29.1 | 73.0 | 7396.1 | 400.0 | -24.9 | -45.3 | 253.6 | 25.5 | 24.4 | 7.2 | 322.6 | 323.2 | 0.1 | 12.9 | 17.1 | 58 |
| 31.0 | 76.4 | 7882.3 | 375.0 | -28.1 | -47.8 | 254.3 | 30.6 | 29.5 | 6.3 | 324.4 | 324.9 | 0.1 | 13.1 | 19.5 | 60 |
| 32.9 | 80.0 | 8354.0 | 350.0 | -31.4 | -50.4 | 252.0 | 35.0 | 32.3 | 10.8 | 326.4 | 325.8 | 0.1 | 13.2 | 22.5 | 62 |
| 35.0 | 83.7 | 8874.0 | 325.0 | -35.6 | -53.9 | 259.9 | 37.7 | 35.4 | 13.0 | 327.4 | 325.7 | 0.1 | 13.3 | 26.4 | 63 |
| 37.0 | 87.7 | 9435.5 | 300.0 | -39.9 | -59.9 | 255.6 | 39.9 | 38.7 | 13.0 | 329.2 | 327.7 | 99.9 | 99.9 | 30.8 | 64 |
| 39.1 | 91.7 | 10014.3 | 275.0 | -44.4 | -63.9 | 246.0 | 39.9 | 36.4 | 16.2 | 330.9 | 329.9 | 99.9 | 99.9 | 35.5 | 64 |
| 41.5 | 96.0 | 10645.9 | 250.0 | -49.3 | -69.9 | 245.5 | 41.5 | 37.7 | 17.2 | 332.7 | 329.9 | 99.9 | 99.9 | 40.4 | 66 |
| 44.1 | 100.4 | 11329.9 | 225.0 | -54.0 | -75.9 | 245.0 | 43.6 | 39.5 | 18.4 | 335.8 | 329.9 | 99.9 | 99.9 | 46.2 | 65 |
| 47.0 | 105.2 | 12077.7 | 200.0 | -59.0 | -81.9 | 246.1 | 48.8 | 44.6 | 19.8 | 339.3 | 329.9 | 99.9 | 99.9 | 53.0 | 65 |
| 50.0 | 110.0 | 12908.6 | 175.0 | -60.5 | -86.9 | 247.3 | 44.3 | 40.9 | 17.1 | 350.0 | 329.9 | 99.9 | 99.9 | 60.9 | 65 |
| 53.7 | 115.7 | 13868.6 | 150.0 | -61.1 | -91.9 | 251.1 | 36.3 | 34.4 | 11.8 | 356.6 | 329.9 | 99.9 | 99.9 | 78.2 | 66 |
| 57.7 | 122.0 | 15007.0 | 125.0 | -61.3 | -99.9 | 254.6 | 24.6 | 23.7 | 6.5 | 364.1 | 329.9 | 99.9 | 99.9 | 85.6 | 67 |
| 62.5 | 129.3 | 16377.4 | 100.0 | -64.2 | -99.9 | 250.0 | 20.6 | 19.4 | 7.0 | 403.8 | 329.9 | 99.9 | 99.9 | 90.9 | 67 |
| 67.5 | 137.7 | 18129.5 | 75.0 | -67.5 | -99.9 | 261.4 | 12.2 | 12.2 | 1.8 | 431.3 | 329.9 | 99.9 | 99.9 | 96.2 | 67 |
| 75.0 | 147.7 | 20605.3 | 50.0 | -63.5 | -99.9 | 153.4 | 7.2 | -3.2 | 6.4 | 494.0 | 329.9 | 99.9 | 99.9 | 97.9 | 67 |
| 87.7 | 158.5 | 24989.9 | 25.0 | -52.6 | -99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 633.6 | 329.9 | 99.9 | 99.9 | 99.9 | 99.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE 19
OF POOR QUALITY

STATION NO. 247
LONGVIEW, TEXAS
24 APRIL 1982
1400 GMT

| TIME MIN | ONTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 6.7 | 124.0 | 1006.5 | 11.1 | 9.0 | 140.0 | 1.0 | -0.6 | 0.8 | 283.7 | 302.1 | 7.2 | 87.0 | 0.0 | 0 |
| 0.4 | 7.4 | 178.2 | 1000.0 | 11.4 | 2.1 | 999.9 | 99.9 | 99.9 | 99.9 | 284.6 | 296.4 | 4.5 | 53.0 | 999.9 | 999 |
| 1.1 | 9.8 | 390.5 | 975.0 | 12.6 | -0.5 | 999.9 | 99.9 | 99.9 | 99.9 | 287.8 | 298.0 | 3.8 | 40.5 | 999.9 | 999 |
| 2.0 | 12.4 | 608.3 | 950.0 | 12.0 | -0.1 | 999.9 | 99.9 | 99.9 | 99.9 | 289.4 | 300.3 | 4.0 | 43.2 | 0.6 | 332 |
| 2.9 | 14.9 | 830.8 | 925.0 | 10.1 | 0.4 | 999.9 | 4.8 | 1.6 | 4.5 | 289.7 | 301.2 | 4.3 | 50.9 | 0.8 | 342 |
| 3.7 | 17.4 | 1058.0 | 890.0 | 8.1 | 0.0 | 199.7 | 5.1 | 2.9 | 4.2 | 289.8 | 301.3 | 4.3 | 56.8 | 1.0 | 352 |
| 4.6 | 20.0 | 1289.9 | 850.0 | 7.0 | -4.8 | 215.0 | 5.0 | 3.4 | 3.6 | 291.1 | 300.6 | 3.1 | 42.7 | 1.2 | 3 |
| 5.5 | 22.5 | 1527.8 | 825.0 | 5.4 | -5.0 | 236.2 | 4.2 | 3.5 | 2.2 | 291.9 | 300.5 | 3.1 | 46.8 | 1.4 | 10 |
| 6.3 | 25.1 | 1770.8 | 800.0 | 3.9 | -2.1 | 214.1 | 2.7 | 1.5 | 2.8 | 292.7 | 303.6 | 4.0 | 65.1 | 1.5 | 15 |
| 7.4 | 27.7 | 2020.7 | 775.0 | 2.9 | 2.2 | 165.6 | 2.9 | -0.7 | 3.2 | 294.3 | 309.5 | 5.7 | 95.3 | 1.8 | 15 |
| 8.2 | 30.3 | 2280.0 | 750.0 | 5.2 | 4.8 | 170.5 | 3.4 | -1.1 | 3.2 | 299.4 | 318.6 | 7.0 | 97.8 | 1.8 | 11 |
| 9.3 | 33.0 | 2547.7 | 725.0 | 3.9 | 3.6 | 181.6 | 3.6 | -0.6 | 3.6 | 300.8 | 319.2 | 6.6 | 97.8 | 2.0 | 8 |
| 10.4 | 35.7 | 2823.3 | 700.0 | 2.5 | 2.2 | 183.9 | 4.5 | 0.3 | 4.5 | 302.3 | 319.6 | 6.2 | 97.8 | 2.2 | 7 |
| 11.4 | 38.4 | 3108.9 | 675.0 | 0.9 | 0.8 | 194.9 | 6.6 | 1.7 | 6.4 | 303.5 | 319.6 | 5.8 | 97.8 | 2.6 | 8 |
| 12.3 | 41.1 | 3399.1 | 650.0 | 0.1 | -1.2 | 190.3 | 9.5 | 1.7 | 9.3 | 305.0 | 319.6 | 5.2 | 97.8 | 3.0 | 9 |
| 13.4 | 43.9 | 3700.4 | 625.0 | -3.5 | -7.5 | 182.9 | 11.7 | 0.6 | 11.7 | 305.0 | 319.6 | 3.4 | 97.8 | 3.6 | 8 |
| 14.5 | 46.8 | 4009.9 | 600.0 | -5.3 | -6.3 | 183.1 | 13.8 | 0.8 | 13.8 | 305.0 | 319.6 | 3.8 | 97.8 | 4.6 | 7 |
| 15.7 | 49.7 | 4329.5 | 575.0 | -7.0 | -7.5 | 187.4 | 14.2 | 1.8 | 14.1 | 308.1 | 319.7 | 3.6 | 97.8 | 5.5 | 6 |
| 16.9 | 52.8 | 4651.5 | 550.0 | -8.6 | -9.4 | 193.2 | 15.2 | 3.5 | 14.7 | 309.9 | 319.7 | 3.3 | 97.8 | 6.6 | 7 |
| 18.3 | 55.6 | 5005.4 | 525.0 | -10.3 | -11.2 | 203.3 | 16.5 | 6.5 | 15.2 | 311.9 | 320.8 | 3.0 | 97.8 | 7.8 | 9 |
| 19.5 | 58.6 | 5363.0 | 500.0 | -11.9 | -12.4 | 210.4 | 19.1 | 9.7 | 16.5 | 314.1 | 322.1 | 2.6 | 97.8 | 9.2 | 12 |
| 21.0 | 61.8 | 5735.2 | 475.0 | -14.2 | -16.2 | 217.4 | 18.5 | 11.8 | 15.5 | 315.8 | 322.5 | 2.2 | 97.8 | 10.7 | 15 |
| 22.4 | 64.9 | 6123.1 | 450.0 | -16.7 | -19.2 | 223.2 | 20.0 | 13.7 | 14.6 | 317.3 | 322.9 | 1.8 | 97.8 | 12.3 | 19 |
| 23.9 | 68.1 | 6527.6 | 425.0 | -19.3 | -22.2 | 225.3 | 20.2 | 14.3 | 14.2 | 319.0 | 323.6 | 1.4 | 97.8 | 13.9 | 22 |
| 25.4 | 71.5 | 6950.3 | 400.0 | -22.3 | -25.0 | 228.5 | 20.4 | 14.8 | 14.1 | 320.4 | 324.1 | 1.1 | 97.8 | 15.5 | 24 |
| 27.1 | 74.9 | 7392.7 | 375.0 | -25.8 | -29.4 | 229.6 | 22.4 | 16.1 | 15.6 | 321.4 | 324.2 | 0.8 | 97.8 | 17.5 | 27 |
| 28.9 | 78.4 | 7857.2 | 350.0 | -29.4 | -33.7 | 233.8 | 24.1 | 18.3 | 14.8 | 322.7 | 324.7 | 0.6 | 97.8 | 20.0 | 30 |
| 30.9 | 82.0 | 8345.7 | 325.0 | -33.4 | -38.3 | 236.1 | 25.1 | 20.3 | 13.9 | 324.1 | 325.1 | 0.4 | 97.8 | 22.8 | 32 |
| 33.2 | 85.9 | 8861.5 | 300.0 | -38.2 | -44.1 | 238.9 | 24.9 | 20.7 | 12.4 | 324.1 | 325.1 | 0.2 | 97.8 | 25.9 | 35 |
| 35.6 | 89.5 | 9407.6 | 275.0 | -42.2 | -49.9 | 246.1 | 31.1 | 23.4 | 10.9 | 324.1 | 325.1 | 0.2 | 97.8 | 29.6 | 38 |
| 38.3 | 93.5 | 9989.4 | 250.0 | -47.4 | -55.8 | 251.0 | 34.8 | 25.1 | 9.3 | 324.1 | 325.1 | 0.2 | 97.8 | 35.0 | 39 |
| 41.9 | 97.8 | 10612.4 | 225.0 | -52.4 | -61.7 | 257.6 | 41.5 | 30.7 | 8.0 | 324.1 | 325.1 | 0.2 | 97.8 | 43.3 | 40 |
| 46.5 | 102.2 | 11288.9 | 200.0 | -57.6 | -67.6 | 262.9 | 42.4 | 37.8 | 6.4 | 324.1 | 325.1 | 0.2 | 97.8 | 47.2 | 48 |
| 51.8 | 107.0 | 12035.9 | 175.0 | -62.4 | -73.4 | 268.5 | 42.4 | 40.0 | 5.3 | 324.1 | 325.1 | 0.2 | 97.8 | 51.2 | 48 |
| 59.9 | 112.2 | 12887.6 | 150.0 | -67.6 | -79.4 | 275.9 | 42.4 | 42.3 | 4.0 | 324.1 | 325.1 | 0.2 | 97.8 | 55.2 | 48 |
| 61.8 | 117.0 | 13735.9 | 125.0 | -72.4 | -85.4 | 283.5 | 42.4 | 44.0 | 3.3 | 324.1 | 325.1 | 0.2 | 97.8 | 59.2 | 48 |
| 69.9 | 122.2 | 14687.6 | 100.0 | -77.6 | -91.4 | 291.9 | 42.4 | 45.9 | 2.6 | 324.1 | 325.1 | 0.2 | 97.8 | 63.2 | 48 |
| 79.9 | 127.0 | 15639.1 | 75.0 | -82.4 | -97.4 | 300.8 | 42.4 | 47.8 | 1.9 | 324.1 | 325.1 | 0.2 | 97.8 | 67.2 | 48 |
| 89.9 | 132.2 | 16590.6 | 50.0 | -87.6 | -103.4 | 310.2 | 42.4 | 49.7 | 1.2 | 324.1 | 325.1 | 0.2 | 97.8 | 71.2 | 48 |
| 99.9 | 137.0 | 17542.1 | 25.0 | -92.4 | -109.4 | 320.6 | 42.4 | 51.6 | 0.5 | 324.1 | 325.1 | 0.2 | 97.8 | 75.2 | 48 |
| 99.9 | 141.8 | 18493.6 | 0.0 | -97.6 | -115.4 | 331.0 | 42.4 | 53.5 | 0.0 | 324.1 | 325.1 | 0.2 | 97.8 | 79.2 | 48 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
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ORIGINAL PAGE 13
OF POOR QUALITY

STATION NO. 247
LONGVIEW, TEXAS

24 APRIL 1982
1753 GMT

155 24 0

| TIME MIN | CNCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 6.4 | 124.0 | 1006.0 | 10.0 | 9.5 | 70.0 | 1.6 | -1.5 | -0.5 | 282.7 | 301.6 | 7.5 | 97.0 | 0.0 | 0 |
| 0.2 | 7.0 | 173.8 | 1000.0 | 9.9 | 9.0 | 125.8 | 6.3 | -5.1 | 3.7 | 283.0 | 301.4 | 7.2 | 94.2 | 0.2 | 289 |
| 1.0 | 9.6 | 384.4 | 975.0 | 9.7 | 8.1 | 129.7 | 7.6 | -5.9 | 4.9 | 284.9 | 302.8 | 7.0 | 89.6 | 0.3 | 299 |
| 1.7 | 12.1 | 600.4 | 950.0 | 9.3 | 7.0 | 135.3 | 10.1 | -7.1 | 7.2 | 286.6 | 303.8 | 6.6 | 85.6 | 0.7 | 306 |
| 2.4 | 14.8 | 821.5 | 925.0 | 9.0 | 6.0 | 154.7 | 10.3 | -4.4 | 9.3 | 288.5 | 305.2 | 6.4 | 81.7 | 1.2 | 321 |
| 3.1 | 17.4 | 1049.7 | 900.0 | 10.5 | 9.6 | 193.4 | 7.9 | 1.8 | 7.7 | 292.3 | 314.3 | 8.4 | 94.2 | 1.5 | 321 |
| 3.9 | 20.0 | 1284.8 | 875.0 | 10.2 | 8.0 | 239.7 | 7.0 | 6.0 | 3.5 | 294.4 | 315.0 | 7.7 | 86.0 | 1.6 | 332 |
| 4.8 | 22.7 | 1526.1 | 850.0 | 9.1 | 5.8 | 243.4 | 7.7 | 6.9 | 3.4 | 295.7 | 314.2 | 6.8 | 79.6 | 1.6 | 332 |
| 5.7 | 25.4 | 1773.4 | 825.0 | 7.7 | 4.6 | 243.6 | 7.9 | 6.4 | 4.6 | 296.8 | 314.4 | 6.5 | 80.3 | 1.8 | 359 |
| 6.7 | 28.1 | 2026.7 | 800.0 | 5.9 | 3.4 | 225.6 | 9.2 | 6.6 | 6.4 | 297.5 | 314.2 | 6.1 | 84.0 | 2.1 | 11 |
| 7.6 | 30.8 | 2286.4 | 775.0 | 4.1 | 2.4 | 225.0 | 10.2 | 7.2 | 7.2 | 298.2 | 314.4 | 5.9 | 88.3 | 2.6 | 17 |
| 8.7 | 33.6 | 2552.8 | 750.0 | 2.3 | 1.5 | 226.2 | 11.4 | 8.2 | 7.9 | 299.1 | 314.8 | 5.7 | 94.3 | 3.2 | 23 |
| 9.8 | 36.3 | 2826.5 | 725.0 | 1.0 | 0.2 | 221.4 | 13.1 | 8.6 | 9.8 | 300.6 | 315.6 | 5.4 | 94.6 | 3.9 | 27 |
| 11.0 | 39.1 | 3108.7 | 700.0 | 0.5 | -0.3 | 221.5 | 13.3 | 8.8 | 10.0 | 303.0 | 318.1 | 5.2 | 94.5 | 4.9 | 30 |
| 12.6 | 42.0 | 3400.7 | 675.0 | -0.8 | -1.3 | 219.7 | 14.4 | 9.2 | 11.1 | 304.8 | 319.5 | 5.2 | 95.3 | 6.2 | 32 |
| 14.2 | 44.9 | 3701.9 | 650.0 | -2.2 | -2.8 | 217.2 | 16.2 | 9.6 | 12.9 | 306.5 | 320.4 | 4.8 | 95.5 | 7.7 | 33 |
| 15.8 | 47.8 | 4013.2 | 625.0 | -3.7 | -4.4 | 216.6 | 16.6 | 9.8 | 13.3 | 308.3 | 321.2 | 4.4 | 94.8 | 9.2 | 34 |
| 17.4 | 50.8 | 4335.5 | 600.0 | -4.9 | -5.8 | 216.6 | 18.5 | 11.6 | 14.5 | 310.5 | 322.7 | 4.2 | 93.5 | 10.9 | 34 |
| 19.0 | 53.8 | 4669.8 | 575.0 | -6.5 | -7.4 | 220.3 | 20.4 | 13.2 | 15.5 | 312.4 | 323.8 | 3.8 | 92.7 | 12.8 | 35 |
| 20.5 | 56.8 | 5016.4 | 550.0 | -8.5 | -9.6 | 222.0 | 21.6 | 14.4 | 16.0 | 314.0 | 324.1 | 3.3 | 90.6 | 14.6 | 36 |
| 22.0 | 59.9 | 5376.4 | 525.0 | -10.5 | -12.0 | 226.1 | 21.7 | 15.6 | 15.1 | 315.9 | 324.8 | 2.9 | 88.2 | 16.7 | 37 |
| 23.7 | 63.0 | 5750.6 | 500.0 | -12.8 | -14.7 | 229.2 | 22.1 | 16.7 | 14.5 | 317.4 | 325.1 | 2.4 | 85.4 | 18.8 | 38 |
| 25.3 | 66.3 | 6140.5 | 475.0 | -15.3 | -17.8 | 227.5 | 23.5 | 17.4 | 15.3 | 319.1 | 325.4 | 2.0 | 81.1 | 21.0 | 39 |
| 27.0 | 69.6 | 6547.2 | 450.0 | -18.0 | -20.9 | 226.7 | 23.8 | 17.3 | 15.8 | 320.6 | 325.8 | 1.9 | 77.6 | 23.3 | 40 |
| 28.5 | 72.9 | 6972.4 | 425.0 | -20.7 | -24.0 | 229.0 | 24.1 | 18.2 | 15.8 | 322.5 | 326.8 | 1.3 | 74.4 | 25.5 | 41 |
| 30.3 | 76.4 | 7418.1 | 400.0 | -24.0 | -27.7 | 232.2 | 24.8 | 18.0 | 14.0 | 323.8 | 327.1 | 1.0 | 71.4 | 27.9 | 42 |
| 31.9 | 80.0 | 7885.8 | 375.0 | -27.6 | -31.9 | 232.4 | 24.3 | 19.2 | 14.8 | 325.1 | 327.5 | 0.7 | 66.0 | 30.2 | 43 |
| 33.5 | 83.6 | 8378.7 | 350.0 | -31.5 | -36.1 | 230.8 | 24.5 | 19.0 | 15.4 | 326.3 | 328.1 | 0.3 | 57.5 | 32.6 | 44 |
| 35.3 | 87.3 | 8898.8 | 325.0 | -35.7 | -40.9 | 229.1 | 25.0 | 18.9 | 16.3 | 327.6 | 328.7 | 0.3 | 57.5 | 35.1 | 44 |
| 37.2 | 91.3 | 9449.9 | 300.0 | -40.7 | -46.0 | 227.5 | 25.6 | 18.9 | 17.3 | 329.5 | 329.9 | 99.9 | 57.5 | 37.9 | 44 |
| 39.2 | 95.3 | 10035.7 | 275.0 | -46.0 | -51.1 | 229.0 | 26.7 | 20.1 | 17.5 | 330.1 | 329.9 | 99.9 | 57.5 | 41.0 | 44 |
| 41.4 | 104.2 | 10662.5 | 250.0 | -51.1 | -56.3 | 241.4 | 34.6 | 30.4 | 16.6 | 337.0 | 330.1 | 99.9 | 57.5 | 44.1 | 46 |
| 43.8 | 108.8 | 11346.1 | 225.0 | -56.3 | -56.4 | 241.4 | 38.4 | 34.8 | 16.3 | 343.6 | 337.0 | 99.9 | 57.5 | 48.5 | 46 |
| 46.6 | 114.0 | 12099.7 | 200.0 | -56.4 | -56.4 | 242.6 | 39.3 | 34.9 | 18.1 | 356.8 | 343.6 | 99.9 | 57.5 | 54.4 | 48 |
| 48.9 | 119.5 | 12945.2 | 175.0 | -56.4 | -56.4 | 242.6 | 39.3 | 34.9 | 18.1 | 356.8 | 343.6 | 99.9 | 57.5 | 61.6 | 50 |
| 53.4 | 125.5 | 13930.7 | 150.0 | -52.0 | -52.0 | 250.9 | 28.8 | 27.2 | 9.4 | 380.5 | 399.5 | 99.9 | 57.5 | 68.8 | 51 |
| 57.5 | 132.2 | 15100.1 | 125.0 | -56.8 | -56.8 | 247.2 | 24.6 | 22.6 | 3.5 | 392.1 | 399.5 | 99.9 | 57.5 | 74.6 | 53 |
| 62.5 | 140.0 | 16499.3 | 100.0 | -60.4 | -60.4 | 251.7 | 14.9 | 14.2 | -0.4 | 411.0 | 399.9 | 99.9 | 57.5 | 80.9 | 54 |
| 68.7 | 149.0 | 18280.2 | 75.0 | -61.0 | -61.0 | 272.2 | 10.6 | 10.6 | -0.4 | 445.1 | 399.9 | 99.9 | 57.5 | 84.3 | 55 |
| 76.4 | 159.5 | 20803.9 | 50.0 | -59.0 | -59.0 | 200.4 | 5.1 | 1.8 | 4.7 | 504.5 | 399.9 | 99.9 | 57.5 | 85.8 | 55 |
| 88.3 | 159.5 | 25256.7 | 25.0 | -49.9 | -49.9 | 99.9 | 99.9 | 99.9 | 99.9 | 641.5 | 399.9 | 99.9 | 57.5 | 99.9 | 99.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
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ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 247
LONGVIEW, TEXAS
24 APRIL 1982
2010 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE NM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 6.7 | 124.0 | 1004.4 | 12.2 | 11.3 | 100.0 | 1.6 | -1.6 | 0.3 | 285.0 | 306.4 | 8.4 | 94.0 | 0.0 | 0. |
| 0.2 | 7.1 | 150.9 | 1000.0 | 11.6 | 10.6 | 113.9 | 3.9 | -3.5 | 1.6 | 284.8 | 305.3 | 8.1 | 93.7 | 0.1 | 291. |
| 1.0 | 9.5 | 372.2 | 975.0 | 9.6 | 9.0 | 125.6 | 4.0 | -3.2 | 2.3 | 284.8 | 304.9 | 7.5 | 96.4 | 0.2 | 294. |
| 1.9 | 12.1 | 587.8 | 950.0 | 8.6 | 8.1 | 157.8 | 5.9 | -2.2 | 2.5 | 285.9 | 304.4 | 7.2 | 97.1 | 0.4 | 308. |
| 2.8 | 14.7 | 809.1 | 925.0 | 9.4 | 9.0 | 177.7 | 9.2 | -0.4 | 3.2 | 289.0 | 309.3 | 7.8 | 97.2 | 0.8 | 330. |
| 3.5 | 17.2 | 1037.2 | 900.0 | 9.5 | 9.0 | 187.8 | 8.2 | 1.1 | 3.1 | 291.3 | 312.4 | 8.0 | 98.9 | 1.1 | 343. |
| 4.3 | 19.8 | 1271.2 | 875.0 | 8.6 | 8.1 | 193.6 | 6.9 | 1.6 | 8.7 | 292.8 | 313.4 | 7.8 | 98.7 | 1.5 | 348. |
| 5.2 | 22.4 | 1511.0 | 850.0 | 7.9 | 4.8 | 214.3 | 7.7 | 5.9 | 5.0 | 294.4 | 311.6 | 6.4 | 80.9 | 1.7 | 355. |
| 6.1 | 25.0 | 1757.4 | 825.0 | 7.2 | 2.7 | 230.0 | 6.6 | 5.9 | 5.4 | 296.2 | 313.2 | 5.6 | 70.3 | 2.0 | 3. |
| 7.0 | 27.7 | 2011.1 | 800.0 | 6.7 | 1.6 | 237.4 | 10.1 | 8.5 | 5.4 | 298.4 | 314.9 | 5.4 | 78.2 | 2.3 | 12. |
| 7.9 | 30.3 | 2271.5 | 775.0 | 5.2 | 0.4 | 240.8 | 12.5 | 10.3 | 7.0 | 299.4 | 315.0 | 5.6 | 80.3 | 2.8 | 22. |
| 8.9 | 33.0 | 2538.7 | 750.0 | 3.4 | 0.3 | 246.1 | 10.9 | 10.8 | 6.0 | 300.6 | 316.9 | 5.3 | 80.3 | 3.5 | 29. |
| 10.0 | 35.8 | 2813.4 | 725.0 | 2.0 | -0.3 | 245.5 | 9.8 | 8.9 | 4.4 | 301.6 | 318.7 | 5.4 | 89.0 | 4.1 | 35. |
| 11.0 | 38.4 | 3096.9 | 700.0 | 1.0 | -0.3 | 245.5 | 9.8 | 8.9 | 4.4 | 301.6 | 318.7 | 5.4 | 89.0 | 4.1 | 35. |
| 12.0 | 41.3 | 3389.0 | 675.0 | 0.6 | -1.5 | 240.4 | 11.2 | 9.7 | 5.5 | 305.0 | 319.6 | 5.1 | 93.4 | 5.2 | 42. |
| 13.3 | 44.1 | 3680.1 | 650.0 | -0.6 | -3.1 | 238.7 | 11.9 | 10.2 | 6.2 | 306.2 | 319.9 | 4.2 | 93.3 | 6.0 | 44. |
| 14.6 | 47.0 | 4001.0 | 625.0 | -4.2 | -5.1 | 241.6 | 12.8 | 11.2 | 5.8 | 307.6 | 320.7 | 4.2 | 93.7 | 7.0 | 46. |
| 15.9 | 49.9 | 4322.5 | 600.0 | -5.8 | -6.8 | 240.6 | 12.8 | 11.2 | 6.3 | 309.4 | 321.7 | 3.8 | 92.6 | 7.9 | 48. |
| 17.3 | 52.9 | 4655.5 | 575.0 | -7.4 | -8.6 | 232.0 | 14.5 | 11.4 | 8.3 | 311.3 | 322.1 | 3.5 | 91.4 | 8.0 | 49. |
| 18.5 | 55.9 | 5000.8 | 550.0 | -9.6 | -10.6 | 225.9 | 15.0 | 10.8 | 10.4 | 312.7 | 322.1 | 3.1 | 92.2 | 10.1 | 49. |
| 19.8 | 58.9 | 5359.3 | 525.0 | -11.6 | -13.1 | 225.0 | 14.9 | 10.5 | 10.5 | 314.5 | 322.7 | 2.7 | 88.9 | 11.3 | 49. |
| 21.1 | 62.0 | 5721.8 | 500.0 | -13.9 | -16.3 | 228.0 | 15.5 | 11.5 | 10.4 | 316.1 | 322.8 | 2.1 | 82.0 | 12.5 | 48. |
| 22.6 | 65.3 | 6120.1 | 475.0 | -16.6 | -19.2 | 232.3 | 16.3 | 12.5 | 10.0 | 317.4 | 323.0 | 1.8 | 80.0 | 13.8 | 49. |
| 24.0 | 68.4 | 6524.9 | 450.0 | -18.9 | -22.2 | 230.7 | 17.4 | 13.5 | 11.0 | 319.5 | 324.1 | 1.4 | 75.0 | 15.2 | 49. |
| 25.6 | 71.8 | 6947.8 | 425.0 | -22.3 | -26.1 | 227.7 | 18.9 | 14.0 | 12.7 | 320.4 | 323.9 | 1.1 | 70.9 | 17.0 | 49. |
| 27.0 | 75.3 | 7390.4 | 400.0 | -25.8 | -30.6 | 226.6 | 21.1 | 15.4 | 14.5 | 321.4 | 323.9 | 0.7 | 64.0 | 18.7 | 49. |
| 28.6 | 78.7 | 7854.8 | 375.0 | -29.5 | -34.4 | 228.4 | 22.2 | 16.1 | 15.3 | 322.6 | 323.9 | 0.5 | 61.9 | 20.7 | 49. |
| 30.6 | 82.4 | 8343.1 | 350.0 | -33.9 | -38.6 | 227.5 | 24.5 | 18.0 | 16.5 | 323.1 | 323.9 | 0.2 | 59.9 | 23.5 | 48. |
| 32.8 | 86.2 | 8857.6 | 325.0 | -38.2 | -43.9 | 228.5 | 25.4 | 19.0 | 16.8 | 324.0 | 323.9 | 0.2 | 59.9 | 26.8 | 48. |
| 35.0 | 90.1 | 9403.3 | 300.0 | -42.1 | -48.9 | 233.7 | 31.9 | 25.7 | 18.8 | 326.0 | 323.9 | 0.2 | 59.9 | 30.4 | 49. |
| 37.0 | 94.2 | 9889.9 | 275.0 | -44.8 | -51.9 | 243.1 | 33.1 | 29.6 | 15.0 | 330.3 | 323.9 | 0.2 | 59.9 | 34.5 | 50. |
| 39.4 | 98.5 | 10322.5 | 250.0 | -48.4 | -55.9 | 245.1 | 36.1 | 32.7 | 15.2 | 334.1 | 323.9 | 0.2 | 59.9 | 39.1 | 52. |
| 41.9 | 103.0 | 11308.9 | 225.0 | -53.1 | -59.9 | 248.0 | 38.0 | 35.3 | 14.1 | 337.1 | 323.9 | 0.2 | 59.9 | 44.7 | 53. |
| 44.6 | 107.8 | 12062.0 | 200.0 | -55.9 | -63.9 | 246.6 | 33.1 | 32.1 | 12.9 | 344.3 | 323.9 | 0.2 | 59.9 | 50.3 | 55. |
| 47.3 | 113.0 | 12906.5 | 175.0 | -57.6 | -66.9 | 247.1 | 33.1 | 28.9 | 16.3 | 347.9 | 323.9 | 0.2 | 59.9 | 55.6 | 56. |
| 50.6 | 118.7 | 13881.9 | 150.0 | -56.2 | -65.9 | 247.1 | 33.2 | 26.6 | 12.3 | 351.2 | 323.9 | 0.2 | 59.9 | 62.3 | 57. |
| 54.4 | 125.0 | 15038.3 | 125.0 | -57.3 | -66.9 | 253.1 | 27.3 | 26.1 | 7.9 | 351.2 | 323.9 | 0.2 | 59.9 | 69.2 | 58. |
| 59.0 | 132.0 | 16433.4 | 100.0 | -61.9 | -69.9 | 247.7 | 15.2 | 14.1 | 5.8 | 408.1 | 323.9 | 0.2 | 59.9 | 74.3 | 59. |
| 64.7 | 140.0 | 18202.6 | 75.0 | -63.2 | -69.9 | 267.6 | 8.8 | 8.8 | 0.4 | 440.3 | 323.9 | 0.2 | 59.9 | 78.4 | 60. |
| 72.8 | 149.3 | 20721.2 | 50.0 | -59.1 | -59.9 | 190.9 | 3.2 | 0.6 | 3.1 | 504.4 | 323.9 | 0.2 | 59.9 | 99.9 | 60. |
| 84.7 | 159.5 | 25163.8 | 25.0 | -50.7 | -59.9 | 99.9 | 99.9 | 99.9 | 99.9 | 639.1 | 323.9 | 0.2 | 59.9 | 99.9 | 99.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

STATION NO. 247
LONGVIEW, TEXAS
25 APRIL 1982
200 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE NM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0-0 | 6-8 | 124.0 | 1001.0 | 12.8 | 11.9 | 90.0 | 2.6 | -2.6 | 0.0 | 285.9 | 308.2 | 8.8 | 94.0 | 0.0 | 0 |
| 0-1 | 6-9 | 132.4 | 1000.0 | 12.3 | 11.5 | 101.2 | 3.5 | -3.1 | 0.7 | 285.4 | 307.3 | 8.6 | 95.3 | 0.1 | 319 |
| 0-9 | 9-6 | 344.3 | 975.0 | 10.5 | 9.9 | 120.4 | 5.2 | -4.5 | 2.6 | 285.7 | 306.0 | 7.9 | 96.4 | 0.2 | 235 |
| 1-8 | 12-3 | 561.0 | 950.0 | 10.0 | 9.5 | 151.9 | 6.7 | -3.1 | 5.9 | 287.4 | 307.7 | 7.9 | 96.4 | 0.5 | 300 |
| 2-7 | 15-0 | 783.7 | 925.0 | 11.1 | 10.5 | 174.3 | 10.0 | -1.0 | 9.9 | 290.7 | 313.3 | 8.7 | 95.8 | 0.9 | 323 |
| 3-5 | 17-8 | 1012.8 | 900.0 | 10.7 | 10.1 | 182.8 | 10.8 | 0.5 | 10.7 | 292.5 | 315.3 | 8.7 | 95.9 | 1.3 | 334 |
| 4-3 | 20.4 | 1248.2 | 875.0 | 10.5 | 9.8 | 193.5 | 10.8 | 2.5 | 10.5 | 294.7 | 317.9 | 8.7 | 95.2 | 1.8 | 345 |
| 5-3 | 23.2 | 1489.8 | 850.0 | 9.2 | 7.8 | 196.4 | 10.4 | 2.9 | 10.0 | 295.8 | 316.8 | 7.8 | 90.4 | 2.4 | 352 |
| 6-2 | 26.0 | 1737.4 | 825.0 | 8.1 | 6.6 | 200.9 | 9.7 | 3.5 | 9.1 | 297.1 | 317.2 | 7.4 | 90.4 | 2.9 | 357 |
| 7-2 | 28.9 | 1991.2 | 800.0 | 7.0 | 3.9 | 212.8 | 7.9 | 4.3 | 6.6 | 298.6 | 316.1 | 6.4 | 80.9 | 3.3 | 1 |
| 8-2 | 31.7 | 2252.5 | 775.0 | 6.3 | 0.1 | 231.3 | 7.2 | 5.9 | 4.2 | 300.6 | 314.6 | 5.0 | 64.5 | 3.7 | 6 |
| 9-2 | 34.6 | 2521.0 | 750.0 | 4.6 | -1.2 | 246.4 | 9.6 | 8.8 | 3.6 | 301.6 | 314.8 | 4.7 | 65.6 | 4.0 | 12 |
| 10-3 | 37.4 | 2796.7 | 725.0 | 3.0 | -2.3 | 255.2 | 11.3 | 10.9 | 2.9 | 302.8 | 315.5 | 4.5 | 67.6 | 4.3 | 20 |
| 11-3 | 40.3 | 3080.3 | 700.0 | 0.9 | -4.2 | 254.1 | 12.9 | 12.4 | 2.9 | 303.5 | 315.0 | 4.0 | 68.7 | 4.8 | 27 |
| 12-4 | 43.3 | 3371.3 | 675.0 | -1.1 | -9.5 | 255.8 | 12.2 | 11.8 | 3.0 | 304.5 | 312.6 | 2.8 | 52.8 | 5.4 | 34 |
| 13-6 | 46.3 | 3671.6 | 650.0 | -3.8 | -14.7 | 252.1 | 12.8 | 12.1 | 3.9 | 304.7 | 310.5 | 1.9 | 42.6 | 6.1 | 39 |
| 14-8 | 49.4 | 3979.6 | 625.0 | -6.2 | -16.7 | 251.2 | 12.5 | 11.9 | 4.1 | 305.4 | 310.4 | 1.7 | 43.1 | 6.9 | 43 |
| 16-1 | 52.5 | 4297.8 | 600.0 | -9.1 | -18.6 | 253.4 | 12.5 | 12.0 | 3.6 | 305.6 | 310.9 | 1.7 | 54.5 | 7.8 | 47 |
| 17-4 | 55.6 | 4626.1 | 575.0 | -10.2 | -35.5 | 255.8 | 14.3 | 13.9 | 3.5 | 308.0 | 309.1 | 0.3 | 10.5 | 8.7 | 50 |
| 18-8 | 58.9 | 4966.9 | 550.0 | -12.8 | -37.2 | 256.0 | 14.8 | 14.4 | 3.6 | 308.9 | 309.9 | 0.3 | 10.9 | 9.8 | 53 |
| 20-2 | 62.1 | 5320.0 | 525.0 | -15.1 | -38.0 | 249.2 | 16.0 | 14.9 | 5.7 | 310.2 | 311.1 | 0.2 | 11.0 | 11.0 | 55 |
| 21-6 | 65.4 | 5687.4 | 500.0 | -17.1 | -41.0 | 243.1 | 17.9 | 16.0 | 8.1 | 312.2 | 312.9 | 0.2 | 10.4 | 12.4 | 57 |
| 23-0 | 68.8 | 6071.1 | 475.0 | -18.7 | -42.3 | 242.3 | 19.6 | 17.6 | 9.2 | 314.9 | 315.5 | 0.2 | 10.3 | 14.0 | 57 |
| 24-6 | 72.3 | 6471.6 | 450.0 | -21.7 | -44.3 | 244.3 | 21.2 | 19.1 | 9.2 | 316.0 | 316.6 | 0.2 | 10.8 | 15.9 | 59 |
| 26-1 | 75.9 | 6890.1 | 425.0 | -24.8 | -46.4 | 242.6 | 23.1 | 20.5 | 10.6 | 317.2 | 317.7 | 0.1 | 11.3 | 18.0 | 59 |
| 27-7 | 79.4 | 7328.0 | 400.0 | -28.5 | -48.7 | 239.6 | 24.4 | 21.0 | 12.3 | 318.0 | 318.4 | 0.1 | 12.2 | 20.2 | 59 |
| 29-0 | 83.2 | 7787.1 | 375.0 | -32.0 | -51.5 | 241.5 | 26.2 | 23.0 | 12.5 | 319.2 | 319.6 | 0.1 | 12.4 | 23.0 | 59 |
| 31-3 | 87.0 | 8270.1 | 350.0 | -36.0 | -54.4 | 245.4 | 28.5 | 25.9 | 11.9 | 320.3 | 320.5 | 0.1 | 12.7 | 25.8 | 59 |
| 33-3 | 91.0 | 8780.7 | 325.0 | -39.9 | -59.9 | 246.5 | 31.5 | 28.9 | 12.6 | 321.7 | 321.9 | 99.9 | 99.9 | 25.4 | 60 |
| 35-4 | 95.2 | 9324.0 | 300.0 | -43.2 | -63.9 | 247.5 | 33.3 | 30.7 | 12.8 | 324.6 | 324.6 | 99.9 | 99.9 | 33.4 | 61 |
| 37-6 | 99.5 | 9906.2 | 275.0 | -46.3 | -69.9 | 249.8 | 37.5 | 35.2 | 13.0 | 328.2 | 328.2 | 99.9 | 99.9 | 38.1 | 62 |
| 40-1 | 104.0 | 10533.7 | 250.0 | -50.2 | -74.0 | 247.0 | 41.6 | 38.3 | 16.3 | 331.5 | 331.5 | 99.9 | 99.9 | 44.1 | 63 |
| 42-6 | 108.8 | 11215.6 | 225.0 | -54.5 | -79.9 | 245.6 | 39.8 | 36.3 | 16.5 | 335.0 | 335.0 | 99.9 | 99.9 | 50.2 | 64 |
| 45-5 | 114.0 | 11967.5 | 200.0 | -55.2 | -84.5 | 244.5 | 40.1 | 36.2 | 17.3 | 335.3 | 335.3 | 99.9 | 99.9 | 57.2 | 64 |
| 48-6 | 119.5 | 12814.1 | 175.0 | -56.8 | -89.9 | 242.3 | 35.2 | 31.2 | 16.3 | 356.1 | 356.1 | 99.9 | 99.9 | 63.9 | 64 |
| 52-0 | 125.5 | 13793.4 | 150.0 | -56.4 | -99.9 | 260.0 | 30.6 | 30.1 | 5.3 | 372.9 | 372.9 | 99.9 | 99.9 | 70.9 | 64 |
| 56-1 | 132.0 | 14940.5 | 125.0 | -57.4 | -99.9 | 248.9 | 23.7 | 22.1 | 8.5 | 391.0 | 391.0 | 99.9 | 99.9 | 76.9 | 65 |
| 60-0 | 139.3 | 16334.7 | 100.0 | -63.8 | -99.9 | 249.5 | 17.0 | 16.0 | 6.0 | 404.4 | 404.4 | 99.9 | 99.9 | 81.5 | 65 |
| 65-8 | 147.3 | 18093.2 | 75.0 | -64.2 | -99.9 | 249.9 | 6.6 | 6.3 | -2.0 | 438.5 | 438.5 | 99.9 | 99.9 | 85.6 | 65 |
| 73-8 | 156.5 | 20588.0 | 50.0 | -60.2 | -99.9 | 129.1 | 4.8 | -3.7 | 3.0 | 501.8 | 501.8 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE
OF POOR QUALITY

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 247
LONGVIEW, TEXAS
25 APRIL 1982
500 GMT

| TIME MIN | ONTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 7.1 | 124.0 | 1000.7 | 12.2 | 12.2 | 70.0 | 2.1 | -2.0 | -0.7 | 285.3 | 308.1 | 9.0 | 100.0 | 0.0 | 0.0 |
| 0.0 | 7.2 | 129.9 | 1000.0 | 12.2 | 12.1 | 73.9 | 2.4 | -2.3 | -0.7 | 285.3 | 308.0 | 9.0 | 99.7 | 0.0 | 352.0 |
| 0.7 | 9.8 | 342.0 | 975.0 | 10.8 | 10.1 | 128.1 | 8.0 | -4.8 | 3.7 | 286.0 | 308.5 | 8.0 | 95.8 | 0.0 | 277.0 |
| 1.4 | 12.3 | 559.5 | 950.0 | 11.6 | 11.0 | 150.1 | 8.1 | -4.1 | 7.1 | 289.0 | 311.5 | 8.7 | 95.6 | 0.0 | 302.0 |
| 2.2 | 15.0 | 783.1 | 925.0 | 12.1 | 11.4 | 172.0 | 9.5 | -1.3 | 9.4 | 291.7 | 315.7 | 9.2 | 95.7 | 0.8 | 337.0 |
| 3.0 | 17.6 | 1013.4 | 900.0 | 11.7 | 11.0 | 189.6 | 10.7 | 1.8 | 10.5 | 293.5 | 317.8 | 9.2 | 95.6 | 1.2 | 337.0 |
| 3.9 | 20.3 | 1249.2 | 875.0 | 10.6 | 9.8 | 201.5 | 9.8 | 3.6 | 9.1 | 294.8 | 318.1 | 8.8 | 95.1 | 1.7 | 338.0 |
| 4.8 | 22.9 | 1490.9 | 850.0 | 9.9 | 5.0 | 221.5 | 8.3 | 5.8 | 6.6 | 295.5 | 318.0 | 6.4 | 95.1 | 2.1 | 338.0 |
| 5.6 | 25.7 | 1738.7 | 825.0 | 8.4 | 5.9 | 227.3 | 9.6 | 7.1 | 6.5 | 297.4 | 316.7 | 7.1 | 84.5 | 2.4 | 338.0 |
| 6.5 | 28.3 | 1992.7 | 800.0 | 6.6 | 6.1 | 228.2 | 9.5 | 7.1 | 6.3 | 298.2 | 316.4 | 7.4 | 84.5 | 2.4 | 338.0 |
| 7.4 | 31.1 | 2253.1 | 775.0 | 5.1 | 4.8 | 228.7 | 9.1 | 6.5 | 6.3 | 299.3 | 318.4 | 7.0 | 84.5 | 2.4 | 338.0 |
| 8.4 | 33.9 | 2521.5 | 750.0 | 4.7 | 1.6 | 230.8 | 9.8 | 7.6 | 6.2 | 301.7 | 317.8 | 5.8 | 80.8 | 2.7 | 338.0 |
| 9.2 | 36.7 | 2797.7 | 725.0 | 3.3 | -1.3 | 236.8 | 12.1 | 10.1 | 6.6 | 303.0 | 316.7 | 4.8 | 72.0 | 2.7 | 338.0 |
| 10.3 | 39.6 | 3081.6 | 700.0 | 1.3 | -1.6 | 241.0 | 13.1 | 11.4 | 6.3 | 304.0 | 317.9 | 4.9 | 81.0 | 2.9 | 338.0 |
| 11.3 | 42.4 | 3373.7 | 675.0 | -1.4 | -9.8 | 243.9 | 13.2 | 11.9 | 5.8 | 304.1 | 312.6 | 2.9 | 55.3 | 2.9 | 338.0 |
| 12.4 | 45.4 | 3672.9 | 650.0 | -4.1 | -15.5 | 245.5 | 12.8 | 11.7 | 5.3 | 304.3 | 309.6 | 1.8 | 55.3 | 2.9 | 338.0 |
| 13.8 | 48.3 | 3980.8 | 625.0 | -6.8 | -14.6 | 247.4 | 12.4 | 11.4 | 4.8 | 304.7 | 309.6 | 2.0 | 53.7 | 2.9 | 338.0 |
| 15.0 | 51.4 | 4298.0 | 600.0 | -9.4 | -39.5 | 249.4 | 12.7 | 11.9 | 4.5 | 305.3 | 305.0 | 0.2 | 53.7 | 2.9 | 338.0 |
| 16.1 | 54.5 | 4625.7 | 575.0 | -11.0 | -38.0 | 250.4 | 13.0 | 12.2 | 4.6 | 307.1 | 305.0 | 0.2 | 53.7 | 2.9 | 338.0 |
| 17.3 | 57.6 | 4955.7 | 550.0 | -13.5 | -40.5 | 251.1 | 13.2 | 12.5 | 4.3 | 308.1 | 307.9 | 0.2 | 53.7 | 2.9 | 338.0 |
| 18.6 | 60.8 | 5317.9 | 525.0 | -16.1 | -42.2 | 252.9 | 14.9 | 13.3 | 4.3 | 309.1 | 309.7 | 0.2 | 53.7 | 2.9 | 338.0 |
| 19.9 | 64.0 | 5683.5 | 500.0 | -18.3 | -43.8 | 258.9 | 17.7 | 15.2 | 9.2 | 310.7 | 311.2 | 0.2 | 53.7 | 2.9 | 338.0 |
| 21.1 | 67.3 | 6084.7 | 475.0 | -20.3 | -46.0 | 268.6 | 19.4 | 16.5 | 10.1 | 312.8 | 313.3 | 0.1 | 53.7 | 2.9 | 338.0 |
| 22.5 | 70.7 | 6463.1 | 450.0 | -23.1 | -47.9 | 278.8 | 20.8 | 17.6 | 11.1 | 314.2 | 314.8 | 0.1 | 53.7 | 2.9 | 338.0 |
| 24.0 | 74.1 | 6879.8 | 425.0 | -25.4 | -49.5 | 288.8 | 24.3 | 20.3 | 13.3 | 316.4 | 316.8 | 0.1 | 53.7 | 2.9 | 338.0 |
| 25.5 | 77.7 | 7317.1 | 400.0 | -28.8 | -51.0 | 297.6 | 25.2 | 21.3 | 13.5 | 317.5 | 317.9 | 0.1 | 53.7 | 2.9 | 338.0 |
| 27.1 | 81.4 | 7775.3 | 375.0 | -32.5 | -53.7 | 241.1 | 27.2 | 23.8 | 13.1 | 318.5 | 318.8 | 0.1 | 53.7 | 2.9 | 338.0 |
| 28.6 | 85.3 | 8257.8 | 350.0 | -36.3 | -56.1 | 244.4 | 27.4 | 24.0 | 13.1 | 319.8 | 319.8 | 0.1 | 53.7 | 2.9 | 338.0 |
| 30.1 | 89.2 | 8787.6 | 325.0 | -40.0 | -59.9 | 240.5 | 29.0 | 26.2 | 14.3 | 321.6 | 320.0 | 0.1 | 53.7 | 2.9 | 338.0 |
| 31.9 | 93.3 | 9309.8 | 300.0 | -43.2 | -59.9 | 240.6 | 30.1 | 26.2 | 14.6 | 324.5 | 320.0 | 0.1 | 53.7 | 2.9 | 338.0 |
| 33.9 | 97.8 | 9891.3 | 275.0 | -46.8 | -59.9 | 243.5 | 34.4 | 30.8 | 15.4 | 327.7 | 320.0 | 0.1 | 53.7 | 2.9 | 338.0 |
| 36.1 | 102.2 | 10519.9 | 250.0 | -50.2 | -59.9 | 242.2 | 37.5 | 33.2 | 17.5 | 331.5 | 320.0 | 0.1 | 53.7 | 2.9 | 338.0 |
| 38.6 | 107.0 | 11201.5 | 225.0 | -54.4 | -59.9 | 240.4 | 37.5 | 31.9 | 18.1 | 335.1 | 320.0 | 0.1 | 53.7 | 2.9 | 338.0 |
| 41.2 | 112.0 | 11952.3 | 200.0 | -56.9 | -59.9 | 241.5 | 36.7 | 33.3 | 18.1 | 335.1 | 320.0 | 0.1 | 53.7 | 2.9 | 338.0 |
| 43.9 | 117.4 | 12800.4 | 175.0 | -57.0 | -59.9 | 244.3 | 37.8 | 31.8 | 15.3 | 342.6 | 320.0 | 0.1 | 53.7 | 2.9 | 338.0 |
| 47.0 | 123.2 | 13779.3 | 150.0 | -56.7 | -59.9 | 244.3 | 35.3 | 31.8 | 15.3 | 342.6 | 320.0 | 0.1 | 53.7 | 2.9 | 338.0 |
| 50.9 | 129.7 | 14934.9 | 125.0 | -55.8 | -59.9 | 251.2 | 29.0 | 19.6 | 7.0 | 355.9 | 320.0 | 0.1 | 53.7 | 2.9 | 338.0 |
| 55.0 | 137.0 | 16333.2 | 100.0 | -62.5 | -59.9 | 250.5 | 20.8 | 16.5 | 6.7 | 372.5 | 320.0 | 0.1 | 53.7 | 2.9 | 338.0 |
| 60.0 | 145.0 | 18091.6 | 75.0 | -65.2 | -59.9 | 248.0 | 17.8 | 6.0 | 5.2 | 394.0 | 320.0 | 0.1 | 53.7 | 2.9 | 338.0 |
| 67.0 | 154.3 | 20582.2 | 50.0 | -60.6 | -59.9 | 228.9 | 8.0 | -1.9 | 3.7 | 436.2 | 320.0 | 0.1 | 53.7 | 2.9 | 338.0 |
| 78.1 | 164.0 | 24987.4 | 25.0 | -53.5 | -59.9 | 999.9 | 99.9 | 99.9 | 99.9 | 631.0 | 320.0 | 0.1 | 53.7 | 2.9 | 338.0 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 ** BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 *** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
 **** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

STATION NO. 255
VICTORIA, TEXAS

24 APRIL 1982
1500 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT Y DG K | WX RTD CM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 6.6 | 33.0 | 1015.2 | 11.7 | 10.6 | 10.0 | 5.7 | -1.0 | -5.6 | 283.6 | 303.8 | 8.0 | 93.0 | 0.0 | 0 |
| 0.5 | 7.9 | 159.4 | 1000.0 | 10.9 | 10.5 | 34.5 | 9.5 | -5.4 | -7.9 | 284.1 | 304.4 | 8.0 | 97.1 | 0.2 | 204 |
| 1.2 | 10.1 | 371.1 | 975.0 | 11.7 | 11.2 | 57.3 | 8.2 | -8.9 | -4.4 | 287.0 | 309.1 | 8.6 | 95.7 | 0.6 | 216 |
| 2.0 | 12.4 | 589.8 | 950.0 | 12.8 | 12.6 | 90.6 | 6.9 | -6.9 | 0.1 | 290.2 | 314.7 | 9.5 | 95.9 | 0.9 | 231 |
| 2.8 | 14.6 | 814.8 | 925.0 | 13.2 | 12.6 | 124.6 | 5.2 | -4.3 | 2.9 | 292.8 | 318.8 | 10.0 | 95.8 | 1.1 | 244 |
| 3.7 | 16.9 | 1045.6 | 900.0 | 12.4 | 11.7 | 165.3 | 4.6 | -4.3 | 4.5 | 294.3 | 319.8 | 9.7 | 95.6 | 1.1 | 255 |
| 4.5 | 19.2 | 1282.4 | 875.0 | 11.8 | 11.1 | 193.4 | 6.7 | 1.5 | 6.5 | 296.0 | 321.4 | 9.6 | 95.8 | 1.1 | 268 |
| 5.3 | 21.5 | 1525.5 | 850.0 | 11.1 | 10.7 | 199.7 | 9.2 | 3.1 | 10.2 | 298.9 | 323.2 | 9.0 | 97.2 | 1.0 | 291 |
| 6.2 | 23.9 | 1774.7 | 825.0 | 9.8 | 9.4 | 204.0 | 11.1 | 4.5 | 10.2 | 301.0 | 325.2 | 8.2 | 96.9 | 1.5 | 319 |
| 7.0 | 26.3 | 2030.9 | 800.0 | 9.2 | 8.7 | 220.1 | 12.0 | 7.7 | 9.1 | 304.2 | 326.8 | 8.3 | 96.2 | 1.8 | 342 |
| 7.9 | 28.8 | 2294.2 | 775.0 | 7.8 | 7.3 | 230.3 | 13.2 | 10.1 | 8.4 | 305.3 | 328.1 | 8.1 | 96.1 | 2.4 | 365 |
| 8.8 | 31.3 | 2565.0 | 750.0 | 7.0 | 6.5 | 229.8 | 16.9 | 12.2 | 10.3 | 306.2 | 329.5 | 7.4 | 95.8 | 3.1 | 388 |
| 9.7 | 33.9 | 2843.7 | 725.0 | 5.4 | 4.7 | 233.1 | 16.3 | 13.0 | 9.9 | 307.0 | 330.7 | 6.7 | 95.5 | 4.2 | 411 |
| 10.6 | 36.5 | 3130.1 | 700.0 | 3.3 | 2.8 | 233.1 | 16.5 | 13.2 | 9.9 | 308.6 | 332.7 | 5.8 | 93.9 | 5.1 | 434 |
| 11.8 | 39.2 | 3424.6 | 675.0 | 1.2 | 0.3 | 233.1 | 16.5 | 13.0 | 10.2 | 310.6 | 334.1 | 5.4 | 93.5 | 6.1 | 457 |
| 12.8 | 42.0 | 3727.8 | 650.0 | -0.4 | -1.3 | 231.8 | 16.1 | 12.4 | 10.3 | 312.3 | 335.5 | 4.8 | 92.2 | 7.1 | 480 |
| 13.8 | 44.8 | 4041.4 | 625.0 | -1.9 | -3.5 | 230.3 | 14.5 | 10.5 | 10.1 | 313.8 | 336.9 | 5.2 | 94.2 | 8.0 | 503 |
| 14.8 | 47.6 | 4366.6 | 600.0 | -2.1 | -2.9 | 226.0 | 13.6 | 9.9 | 9.7 | 314.4 | 338.2 | 3.1 | 97.9 | 8.9 | 526 |
| 16.0 | 50.6 | 4703.3 | 575.0 | -5.2 | -10.2 | 225.5 | 15.1 | 11.2 | 7.8 | 315.4 | 339.5 | 1.8 | 98.6 | 9.8 | 549 |
| 17.1 | 53.7 | 5050.5 | 550.0 | -8.2 | -17.0 | 235.2 | 15.1 | 13.7 | 6.5 | 317.0 | 340.8 | 1.3 | 98.5 | 10.9 | 572 |
| 18.3 | 56.9 | 5410.1 | 525.0 | -10.8 | -21.9 | 244.6 | 16.2 | 14.6 | 7.0 | 318.3 | 342.1 | 1.4 | 98.5 | 12.0 | 595 |
| 19.6 | 60.1 | 5783.7 | 500.0 | -13.2 | -24.5 | 243.4 | 16.0 | 14.3 | 7.2 | 319.2 | 343.4 | 0.2 | 98.5 | 13.3 | 618 |
| 21.0 | 63.4 | 6171.9 | 475.0 | -15.9 | -28.2 | 247.6 | 17.1 | 15.8 | 6.5 | 320.2 | 344.7 | 0.2 | 98.5 | 14.6 | 641 |
| 22.4 | 66.9 | 6577.3 | 450.0 | -18.3 | -31.6 | 252.0 | 19.7 | 18.7 | 6.1 | 321.3 | 346.0 | 0.2 | 98.5 | 16.1 | 664 |
| 23.9 | 70.5 | 7001.4 | 425.0 | -21.6 | -35.4 | 254.2 | 25.5 | 24.5 | 6.9 | 322.2 | 347.3 | 0.2 | 98.5 | 18.1 | 687 |
| 25.5 | 74.2 | 7444.9 | 400.0 | -25.2 | -45.5 | 254.2 | 29.3 | 27.9 | 6.9 | 323.7 | 348.6 | 0.1 | 98.5 | 20.6 | 710 |
| 27.1 | 78.1 | 7911.4 | 375.0 | -27.9 | -48.0 | 252.4 | 30.3 | 28.3 | 10.8 | 324.7 | 349.9 | 0.1 | 98.5 | 23.4 | 733 |
| 28.7 | 82.2 | 8403.5 | 350.0 | -30.8 | -50.3 | 249.2 | 32.0 | 30.2 | 10.6 | 325.2 | 351.2 | 0.1 | 98.5 | 26.5 | 756 |
| 30.4 | 86.4 | 8926.1 | 325.0 | -34.3 | -53.1 | 250.7 | 32.8 | 31.4 | 9.7 | 326.4 | 352.5 | 0.1 | 98.5 | 29.9 | 779 |
| 32.1 | 90.8 | 9480.7 | 300.0 | -38.3 | -56.4 | 252.9 | 33.0 | 31.7 | 9.4 | 327.7 | 353.8 | 99.9 | 98.9 | 33.3 | 802 |
| 34.2 | 95.6 | 10074.3 | 275.0 | -42.1 | -60.9 | 253.4 | 35.1 | 34.2 | 7.6 | 328.3 | 355.1 | 99.9 | 98.9 | 36.8 | 825 |
| 36.3 | 100.6 | 10712.0 | 250.0 | -47.2 | -65.9 | 257.5 | 35.7 | 35.5 | 4.0 | 329.5 | 356.4 | 99.9 | 98.9 | 40.3 | 848 |
| 38.7 | 106.0 | 11401.1 | 225.0 | -52.6 | -70.9 | 263.5 | 37.0 | 37.0 | 0.9 | 330.8 | 357.7 | 99.9 | 98.9 | 43.8 | 871 |
| 41.0 | 111.6 | 12154.5 | 200.0 | -57.3 | -75.9 | 267.6 | 37.0 | 37.0 | 1.3 | 332.0 | 359.0 | 99.9 | 98.9 | 48.1 | 894 |
| 44.0 | 117.7 | 12990.7 | 175.0 | -60.7 | -79.9 | 267.6 | 37.0 | 37.0 | 1.3 | 333.3 | 360.3 | 99.9 | 98.9 | 52.6 | 917 |
| 47.1 | 124.2 | 13948.5 | 150.0 | -59.8 | -83.9 | 256.1 | 34.8 | 33.8 | 8.4 | 334.6 | 361.6 | 99.9 | 98.9 | 57.1 | 940 |
| 51.0 | 131.2 | 15092.6 | 125.0 | -59.5 | -87.9 | 253.9 | 27.4 | 26.3 | 7.6 | 335.9 | 362.9 | 99.9 | 98.9 | 61.6 | 963 |
| 55.3 | 138.7 | 16473.5 | 100.0 | -65.5 | -91.9 | 253.2 | 22.1 | 22.0 | 1.8 | 337.2 | 364.2 | 99.9 | 98.9 | 66.1 | 986 |
| 60.7 | 146.7 | 18215.6 | 75.0 | -66.8 | -95.9 | 243.4 | 9.0 | 8.1 | 4.0 | 338.5 | 365.5 | 99.9 | 98.9 | 70.6 | 1009 |
| 67.9 | 154.7 | 20707.7 | 50.0 | -68.6 | -99.9 | 243.4 | 3.8 | 3.6 | -1.2 | 339.8 | 366.8 | 99.9 | 98.9 | 75.1 | 1032 |
| 80.0 | 163.3 | 25150.8 | 25.0 | -51.1 | -99.9 | 123.2 | 1.0 | -0.8 | 0.5 | 341.1 | 368.1 | 99.9 | 98.9 | 79.6 | 1055 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

** BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

*** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

**** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE 16
OF POOR QUALITY

ORIGINAL PAGE IS
OF POOR QUALITY

| STATION NO. 255 VICTORIA, TEXAS | | | | | | | | | | | | | |
|------------------------------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|
| 24 APRIL 1982 | | | | | | | | | | | | | |
| 1800 GMT | | | | | | | | | | | | | |
| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEN PT DG C | DIR DG | SPEED M/SEC | U COME M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT |
| 0.0 | 4.5 | 33.0 | 1014.5 | 13.9 | 12.8 | 50.0 | 5.7 | -4.4 | -3.7 | 285.9 | 309.3 | 9.2 | 93.0 |
| 0.6 | 5.9 | 154.4 | 1000.0 | 12.8 | 12.3 | 99.9 | 99.9 | 99.9 | 99.9 | 285.8 | 308.8 | 9.1 | 99.9 |
| 1.4 | 8.2 | 387.3 | 975.0 | 12.9 | 12.5 | 99.9 | 99.9 | 99.9 | 99.9 | 288.1 | 312.3 | 9.4 | 99.9 |
| 2.1 | 10.5 | 587.5 | 950.0 | 15.2 | 14.8 | 119.7 | 5.7 | -4.9 | 2.8 | 292.6 | 321.7 | 11.2 | 97.8 |
| 2.9 | 12.8 | 813.9 | 925.0 | 14.4 | 14.0 | 145.5 | 5.0 | -2.9 | 4.2 | 294.0 | 322.6 | 10.9 | 97.3 |
| 3.8 | 15.2 | 1045.8 | 900.0 | 13.5 | 13.1 | 158.3 | 6.3 | -2.3 | 5.9 | 295.5 | 323.4 | 10.6 | 97.2 |
| 4.7 | 17.7 | 1283.6 | 875.0 | 12.7 | 12.2 | 192.5 | 6.3 | 1.4 | 6.1 | 297.0 | 324.3 | 10.3 | 97.1 |
| 5.6 | 20.1 | 1527.2 | 850.0 | 11.8 | 11.5 | 218.7 | 7.1 | 4.5 | 5.8 | 298.5 | 325.5 | 10.1 | 97.0 |
| 6.5 | 22.6 | 1777.7 | 825.0 | 11.0 | 10.7 | 232.8 | 9.5 | 7.6 | 5.8 | 300.2 | 326.8 | 9.8 | 97.7 |
| 7.4 | 25.1 | 2034.9 | 800.0 | 10.1 | 9.9 | 233.0 | 12.3 | 9.8 | 7.4 | 301.9 | 328.1 | 9.6 | 98.4 |
| 8.5 | 27.7 | 2298.7 | 775.0 | 9.4 | 8.8 | 230.0 | 13.7 | 10.5 | 8.8 | 303.9 | 329.3 | 9.2 | 98.3 |
| 9.5 | 30.3 | 2571.8 | 750.0 | 7.7 | 7.1 | 234.2 | 14.2 | 11.6 | 8.3 | 305.8 | 328.6 | 8.5 | 95.8 |
| 10.5 | 33.1 | 2851.0 | 725.0 | 5.7 | 4.7 | 232.9 | 13.1 | 10.5 | 7.9 | 307.0 | 326.7 | 7.5 | 93.2 |
| 11.8 | 35.8 | 3138.1 | 700.0 | 4.0 | 3.1 | 230.9 | 12.2 | 9.5 | 7.7 | 307.5 | 326.6 | 6.9 | 93.7 |
| 12.8 | 38.7 | 3433.1 | 675.0 | 1.6 | -3.1 | 235.1 | 12.7 | 10.4 | 7.2 | 309.1 | 320.6 | 4.5 | 70.6 |
| 14.1 | 41.5 | 3736.9 | 650.0 | 0.1 | -2.8 | 238.6 | 13.7 | 10.3 | 6.4 | 309.1 | 323.1 | 4.8 | 80.6 |
| 15.4 | 44.4 | 4050.6 | 625.0 | -1.9 | -1.9 | 242.2 | 14.8 | 11.5 | 7.8 | 310.3 | 325.8 | 5.3 | 99.9 |
| 16.5 | 47.5 | 4374.6 | 600.0 | -4.4 | -9.1 | 251.4 | 16.0 | 13.1 | 6.9 | 311.0 | 321.4 | 5.3 | 73.9 |
| 17.9 | 50.6 | 4708.2 | 575.0 | -7.1 | -16.5 | 255.1 | 18.3 | 15.2 | 5.1 | 311.7 | 317.4 | 1.8 | 48.7 |
| 19.4 | 53.8 | 5032.3 | 550.0 | -9.7 | -25.1 | 258.3 | 18.3 | 17.5 | 5.3 | 312.6 | 315.6 | 0.9 | 27.2 |
| 20.9 | 57.1 | 5411.7 | 525.0 | -10.0 | -35.5 | 258.3 | 18.6 | 17.3 | 6.9 | 316.4 | 317.6 | 0.3 | 10.3 |
| 22.2 | 60.4 | 5785.9 | 500.0 | -12.7 | -36.6 | 257.1 | 19.5 | 18.5 | 6.1 | 317.8 | 318.7 | 0.3 | 11.4 |
| 23.7 | 64.0 | 6174.9 | 475.0 | -15.6 | -37.9 | 257.1 | 20.8 | 20.3 | 4.6 | 318.7 | 319.8 | 0.3 | 12.6 |
| 25.2 | 67.6 | 6581.1 | 450.0 | -18.6 | -40.0 | 254.8 | 22.6 | 21.8 | 5.9 | 319.9 | 320.8 | 0.3 | 13.0 |
| 26.9 | 71.4 | 7005.5 | 425.0 | -20.9 | -42.5 | 251.1 | 25.6 | 24.2 | 8.3 | 322.2 | 322.9 | 0.2 | 12.2 |
| 28.5 | 75.3 | 7430.5 | 400.0 | -24.1 | -45.0 | 255.8 | 27.0 | 26.2 | 8.6 | 323.6 | 324.2 | 0.2 | 12.4 |
| 30.3 | 79.3 | 7918.4 | 375.0 | -26.9 | -47.2 | 250.7 | 31.8 | 31.3 | 5.7 | 328.0 | 328.6 | 0.1 | 12.5 |
| 32.2 | 83.7 | 8413.2 | 350.0 | -28.7 | -49.4 | 259.2 | 35.8 | 35.2 | 6.7 | 328.7 | 329.2 | 0.1 | 12.6 |
| 34.3 | 88.2 | 8937.1 | 325.0 | -33.8 | -52.7 | 261.3 | 35.9 | 34.5 | 5.4 | 330.1 | 330.6 | 0.1 | 12.8 |
| 36.4 | 92.8 | 9493.5 | 300.0 | -37.7 | -55.7 | 262.2 | 34.8 | 34.5 | 4.7 | 332.3 | 332.6 | 0.1 | 12.9 |
| 38.6 | 97.8 | 10088.8 | 275.0 | -41.5 | -59.9 | 260.1 | 35.5 | 34.9 | 6.1 | 335.1 | 335.9 | 99.9 | 99.9 |
| 40.9 | 102.8 | 10728.6 | 250.0 | -46.3 | -61.1 | 261.1 | 36.1 | 35.7 | 5.6 | 337.2 | 337.9 | 99.9 | 99.9 |
| 43.3 | 108.3 | 11420.7 | 225.0 | -51.2 | -66.1 | 266.1 | 36.5 | 36.0 | 2.4 | 340.1 | 343.9 | 99.9 | 99.9 |
| 45.9 | 114.2 | 12177.9 | 200.0 | -56.5 | -69.9 | 267.3 | 36.5 | 36.5 | 1.7 | 343.9 | 343.9 | 99.9 | 99.9 |
| 48.7 | 120.2 | 13021.2 | 175.0 | -58.5 | -69.9 | 262.9 | 31.9 | 31.7 | 4.0 | 353.3 | 353.3 | 99.9 | 99.9 |
| 52.0 | 127.0 | 13987.9 | 150.0 | -57.8 | -69.9 | 254.0 | 35.2 | 33.9 | 9.7 | 370.5 | 370.5 | 99.9 | 99.9 |
| 56.0 | 134.0 | 15143.1 | 125.0 | -56.8 | -69.9 | 251.2 | 30.8 | 29.1 | 9.9 | 392.1 | 392.1 | 99.9 | 99.9 |
| 60.6 | 141.2 | 16544.1 | 100.0 | -62.9 | -69.9 | 259.5 | 21.3 | 21.0 | 3.9 | 406.2 | 406.2 | 99.9 | 99.9 |
| 66.1 | 149.0 | 18301.7 | 75.0 | -65.7 | -69.9 | 244.6 | 12.0 | 10.8 | 5.1 | 435.3 | 435.3 | 99.9 | 99.9 |
| 73.3 | 156.7 | 20806.2 | 50.0 | -59.0 | -69.9 | 190.3 | 3.9 | 0.7 | -0.6 | 504.5 | 504.5 | 99.9 | 99.9 |
| 85.2 | 165.0 | 25253.1 | 25.0 | -49.8 | -69.9 | 82.7 | 5.0 | -5.0 | -0.6 | 641.6 | 641.6 | 99.9 | 99.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

STATION NO 255
VICTORIA, TEXAS

24 APRIL 1982
2015 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP FG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 5.4 | 33.0 | 1011.6 | 14.6 | 14.1 | 325.0 | 5.7 | 3.3 | -4.7 | 286.8 | 312.4 | 10.1 | 97.0 | 0.0 | 0 |
| 0.3 | 6.2 | 130.7 | 1000.0 | 13.8 | 13.4 | 31.6 | 8.4 | -4.4 | -7.1 | 286.9 | 311.7 | 9.7 | 97.6 | 0.2 | 188 |
| 1.0 | 8.3 | 344.1 | 975.0 | 12.8 | 12.3 | 57.0 | 8.1 | -6.8 | -4.4 | 288.0 | 311.8 | 9.3 | 96.9 | 0.4 | 203 |
| 1.8 | 10.5 | 564.4 | 950.0 | 15.6 | 15.0 | 102.9 | 7.8 | -7.7 | -4.4 | 293.0 | 322.5 | 11.4 | 96.2 | 0.7 | 230 |
| 2.5 | 12.6 | 791.4 | 925.0 | 15.1 | 14.4 | 129.1 | 5.8 | -4.5 | 3.7 | 294.7 | 324.2 | 11.3 | 96.0 | 0.9 | 250 |
| 3.5 | 14.9 | 1023.6 | 900.0 | 13.8 | 13.2 | 173.6 | 3.7 | -0.4 | 3.7 | 295.7 | 323.8 | 10.7 | 96.1 | 1.0 | 263 |
| 4.4 | 17.2 | 1262.0 | 875.0 | 13.5 | 12.9 | 211.1 | 5.4 | 2.8 | 4.6 | 297.6 | 326.8 | 10.8 | 96.3 | 0.7 | 277 |
| 5.3 | 19.5 | 1506.6 | 850.0 | 12.4 | 11.8 | 220.1 | 5.7 | 3.7 | 4.4 | 299.2 | 326.8 | 10.3 | 96.1 | 0.7 | 300 |
| 6.1 | 21.8 | 1757.4 | 825.0 | 11.7 | 11.1 | 225.3 | 6.6 | 4.7 | 4.6 | 301.0 | 328.3 | 10.1 | 96.0 | 0.9 | 322 |
| 7.1 | 24.2 | 2015.2 | 800.0 | 10.7 | 10.1 | 227.4 | 8.9 | 6.5 | 6.0 | 302.6 | 329.5 | 9.8 | 95.9 | 0.9 | 352 |
| 8.0 | 26.6 | 2280.2 | 775.0 | 9.4 | 8.9 | 227.3 | 10.1 | 7.4 | 6.8 | 304.0 | 329.5 | 9.3 | 96.2 | 1.3 | 12 |
| 9.0 | 29.1 | 2551.9 | 750.0 | 7.5 | 6.9 | 234.4 | 10.5 | 8.5 | 6.1 | 304.7 | 327.9 | 8.4 | 95.8 | 1.8 | 24 |
| 9.9 | 31.6 | 2831.2 | 725.0 | 5.6 | 5.0 | 234.6 | 10.4 | 8.5 | 5.8 | 305.6 | 326.9 | 7.6 | 95.8 | 2.3 | 32 |
| 10.8 | 34.2 | 3118.2 | 700.0 | 4.2 | 3.5 | 236.3 | 10.0 | 8.1 | 5.1 | 307.1 | 327.1 | 7.1 | 95.5 | 2.8 | 36 |
| 11.7 | 36.8 | 3413.3 | 675.0 | 1.6 | 0.7 | 236.3 | 9.5 | 7.9 | 5.3 | 307.4 | 324.6 | 6.0 | 95.5 | 3.3 | 39 |
| 12.9 | 39.5 | 3716.8 | 650.0 | -0.6 | -3.0 | 237.3 | 9.9 | 8.4 | 5.4 | 308.3 | 322.1 | 4.8 | 94.3 | 4.0 | 42 |
| 14.6 | 42.2 | 4029.7 | 625.0 | -2.4 | -5.6 | 241.2 | 10.8 | 9.4 | 5.2 | 309.7 | 321.7 | 4.1 | 79.4 | 5.0 | 46 |
| 16.4 | 45.0 | 4353.3 | 600.0 | -4.9 | -5.5 | 247.0 | 12.1 | 11.2 | 4.8 | 310.5 | 323.0 | 4.2 | 95.3 | 6.0 | 49 |
| 17.6 | 48.0 | 4686.6 | 575.0 | -7.7 | -29.5 | 254.2 | 14.9 | 14.3 | 4.1 | 310.9 | 312.8 | 0.6 | 15.3 | 7.0 | 52 |
| 19.6 | 51.0 | 5030.4 | 550.0 | -9.2 | -33.8 | 255.1 | 19.7 | 19.1 | 5.1 | 313.2 | 314.5 | 0.4 | 11.4 | 8.0 | 55 |
| 19.5 | 54.1 | 5388.5 | 525.0 | -11.4 | -34.7 | 255.8 | 20.2 | 19.6 | 4.9 | 314.7 | 316.0 | 0.4 | 12.5 | 9.1 | 57 |
| 20.7 | 57.3 | 5761.8 | 500.0 | -13.1 | -35.9 | 261.8 | 20.8 | 20.6 | 3.0 | 317.1 | 316.0 | 0.4 | 12.6 | 10.4 | 60 |
| 21.9 | 60.6 | 6151.2 | 475.0 | -16.0 | -37.8 | 267.3 | 21.4 | 21.3 | 1.0 | 318.2 | 319.3 | 0.3 | 13.1 | 11.8 | 63 |
| 23.4 | 64.0 | 6556.6 | 450.0 | -18.4 | -39.7 | 267.3 | 21.9 | 21.3 | 3.6 | 320.1 | 321.0 | 0.3 | 13.1 | 12.7 | 67 |
| 25.0 | 67.6 | 6981.0 | 425.0 | -21.5 | -42.1 | 263.6 | 23.9 | 23.6 | 2.9 | 321.5 | 322.3 | 0.2 | 13.4 | 16.0 | 69 |
| 26.6 | 71.2 | 7426.2 | 400.0 | -23.5 | -44.0 | 266.4 | 32.7 | 32.6 | 2.1 | 324.4 | 325.1 | 0.2 | 13.1 | 18.7 | 71 |
| 28.2 | 75.0 | 7895.5 | 375.0 | -26.4 | -46.1 | 262.8 | 37.8 | 37.5 | 4.7 | 326.6 | 327.2 | 0.2 | 13.5 | 22.1 | 73 |
| 30.0 | 79.0 | 8390.8 | 350.0 | -30.1 | -48.4 | 257.5 | 38.4 | 37.5 | 8.3 | 328.1 | 328.6 | 0.1 | 14.8 | 26.2 | 74 |
| 31.8 | 83.2 | 8914.4 | 325.0 | -33.5 | -51.4 | 255.8 | 35.2 | 34.1 | 8.7 | 330.6 | 330.9 | 0.1 | 13.9 | 30.1 | 75 |
| 33.8 | 87.6 | 9471.2 | 300.0 | -37.9 | -55.4 | 256.6 | 35.7 | 34.8 | 8.3 | 332.0 | 332.3 | 0.1 | 13.9 | 32.4 | 75 |
| 35.7 | 92.2 | 10066.1 | 275.0 | -41.7 | -59.9 | 261.0 | 35.0 | 34.6 | 5.5 | 334.9 | 334.9 | 99.9 | 99.9 | 32.4 | 75 |
| 37.8 | 97.0 | 10706.1 | 250.0 | -45.8 | -63.2 | 262.8 | 37.3 | 37.0 | 4.6 | 338.0 | 338.0 | 99.9 | 99.9 | 32.4 | 75 |
| 40.1 | 102.3 | 11397.7 | 225.0 | -51.5 | -67.1 | 260.3 | 37.0 | 36.5 | 6.2 | 339.6 | 339.6 | 99.9 | 99.9 | 32.4 | 75 |
| 42.6 | 107.8 | 12150.5 | 200.0 | -57.2 | -69.9 | 264.2 | 36.6 | 36.5 | 5.1 | 342.2 | 342.2 | 99.9 | 99.9 | 32.4 | 75 |
| 45.4 | 113.6 | 12987.3 | 175.0 | -60.7 | -72.2 | 261.5 | 34.5 | 34.1 | 3.7 | 349.8 | 349.8 | 99.9 | 99.9 | 32.4 | 75 |
| 48.8 | 120.0 | 13946.9 | 150.0 | -59.2 | -72.2 | 252.2 | 35.2 | 33.5 | 10.8 | 368.1 | 368.1 | 99.9 | 99.9 | 32.4 | 75 |
| 52.6 | 128.7 | 15096.6 | 125.0 | -57.7 | -72.2 | 255.3 | 33.1 | 32.0 | 8.4 | 405.6 | 405.6 | 99.9 | 99.9 | 32.4 | 75 |
| 57.2 | 133.7 | 16488.1 | 100.0 | -63.2 | -72.2 | 259.3 | 21.4 | 21.1 | 4.0 | 432.2 | 432.2 | 99.9 | 99.9 | 32.4 | 75 |
| 62.7 | 141.3 | 18231.8 | 75.0 | -67.1 | -72.2 | 258.4 | 12.8 | 12.5 | 2.6 | 502.0 | 502.0 | 99.9 | 99.9 | 32.4 | 75 |
| 70.7 | 149.3 | 20741.7 | 50.0 | -60.1 | -69.9 | 204.9 | 4.9 | 2.1 | -0.7 | 642.6 | 642.6 | 99.9 | 99.9 | 32.4 | 75 |
| 83.5 | 157.3 | 25196.5 | 25.0 | -49.6 | -99.9 | 277.9 | 5.2 | 5.1 | -0.7 | 642.6 | 642.6 | 99.9 | 99.9 | 32.4 | 75 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

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STATION NO. 255
VICTORIA, TEXAS
25 APRIL 1982
215 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DEG C | DEW PT DEG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE NM | AZ DG |
|-------------|-------|---------------|------------|---------------|-----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 5.2 | 33.0 | 1009.5 | 14.9 | 14.4 | 20.0 | 4.1 | -1.4 | -3.9 | 287.3 | 313.5 | 10.3 | 97.0 | 0.0 | 0.0 |
| 0.1 | 6.0 | 113.2 | 1000.0 | 13.3 | 13.8 | 48.8 | 4.8 | -3.6 | -3.2 | 287.5 | 313.0 | 10.0 | 96.9 | 0.2 | 208. |
| 0.9 | 8.2 | 327.2 | 975.0 | 14.3 | 12.7 | 73.0 | 5.7 | -5.4 | -1.7 | 288.5 | 313.0 | 9.5 | 96.2 | 0.3 | 218. |
| 1.8 | 10.4 | 547.4 | 950.0 | 15.1 | 15.1 | 107.7 | 8.4 | -8.0 | 2.6 | 293.1 | 322.9 | 11.5 | 95.1 | 0.5 | 218. |
| 2.4 | 12.5 | 774.4 | 925.0 | 15.1 | 14.4 | 119.5 | 7.5 | -8.6 | 3.7 | 293.8 | 324.3 | 11.3 | 95.8 | 0.9 | 270. |
| 3.3 | 14.8 | 1007.0 | 900.0 | 14.6 | 13.9 | 133.6 | 5.2 | -3.8 | 3.6 | 296.5 | 326.1 | 11.2 | 95.9 | 0.9 | 270. |
| 4.2 | 17.2 | 1245.6 | 875.0 | 13.3 | 12.6 | 167.4 | 4.3 | -0.9 | 4.2 | 297.6 | 325.8 | 10.6 | 95.8 | 1.4 | 286. |
| 5.0 | 19.5 | 1490.2 | 850.0 | 12.6 | 11.9 | 204.6 | 5.2 | 2.2 | 4.7 | 299.3 | 327.1 | 10.4 | 95.7 | 1.4 | 295. |
| 5.7 | 21.8 | 1741.1 | 825.0 | 11.2 | 10.6 | 213.9 | 6.8 | 3.8 | 5.7 | 300.5 | 327.0 | 9.8 | 95.8 | 1.4 | 305. |
| 6.7 | 24.3 | 1997.6 | 800.0 | 9.0 | 7.0 | 210.5 | 7.8 | 3.5 | 6.6 | 302.8 | 322.5 | 8.2 | 97.4 | 1.4 | 333. |
| 7.5 | 26.8 | 2260.7 | 775.0 | 7.6 | 4.1 | 206.6 | 8.3 | 4.9 | 7.0 | 302.0 | 322.4 | 7.9 | 96.0 | 1.7 | 335. |
| 8.4 | 29.3 | 2530.9 | 750.0 | 5.8 | 4.1 | 216.4 | 8.3 | 7.6 | 6.7 | 302.9 | 322.2 | 6.9 | 96.0 | 1.8 | 335. |
| 9.3 | 31.8 | 2807.5 | 725.0 | 3.9 | -9.8 | 241.8 | 9.6 | 9.5 | 4.1 | 303.4 | 310.9 | 2.5 | 97.0 | 2.2 | 356. |
| 10.4 | 34.5 | 3091.5 | 700.0 | 1.9 | -15.3 | 261.7 | 11.1 | 11.1 | 1.4 | 304.6 | 309.7 | 1.7 | 98.5 | 2.4 | 10. |
| 11.5 | 37.2 | 3383.9 | 675.0 | 0.5 | -22.1 | 283.1 | 11.1 | 11.1 | 1.3 | 306.2 | 309.2 | 1.0 | 98.4 | 2.6 | 24. |
| 12.8 | 39.9 | 3688.4 | 650.0 | 0.0 | -17.9 | 283.2 | 11.2 | 11.2 | 1.3 | 309.0 | 313.5 | 1.4 | 98.4 | 2.6 | 24. |
| 13.7 | 42.7 | 3995.0 | 625.0 | -2.8 | -14.5 | 284.0 | 11.2 | 11.2 | 1.2 | 309.2 | 315.3 | 2.0 | 40.3 | 3.6 | 45. |
| 15.0 | 45.6 | 4320.8 | 600.0 | -5.6 | -27.8 | 259.7 | 14.4 | 14.2 | 2.6 | 309.7 | 312.2 | 0.8 | 19.1 | 4.4 | 52. |
| 16.2 | 48.5 | 4635.2 | 575.0 | -4.4 | -35.7 | 259.4 | 19.7 | 19.4 | 3.6 | 314.8 | 315.9 | 0.3 | 6.5 | 5.6 | 58. |
| 17.5 | 51.6 | 5004.2 | 550.0 | -6.9 | -38.9 | 265.0 | 19.2 | 19.1 | 1.7 | 315.3 | 317.3 | 0.3 | 6.9 | 7.1 | 63. |
| 18.9 | 54.8 | 5365.9 | 525.0 | -8.9 | -37.6 | 264.2 | 19.8 | 19.8 | 0.6 | 317.7 | 318.7 | 0.3 | 7.6 | 8.5 | 68. |
| 20.3 | 58.0 | 5741.1 | 500.0 | -12.4 | -39.0 | 262.5 | 22.3 | 22.1 | 2.9 | 318.0 | 319.1 | 0.3 | 10.5 | 10.2 | 77. |
| 21.8 | 61.4 | 6131.2 | 475.0 | -15.2 | -37.1 | 258.8 | 25.6 | 25.1 | 5.0 | 319.1 | 320.1 | 0.3 | 10.9 | 12.3 | 72. |
| 23.3 | 64.9 | 6537.2 | 450.0 | -18.1 | -41.9 | 258.7 | 28.2 | 25.7 | 5.1 | 320.5 | 321.3 | 0.2 | 10.3 | 14.7 | 73. |
| 24.8 | 68.4 | 6968.8 | 425.0 | -20.1 | -45.6 | 267.1 | 30.3 | 30.3 | 2.3 | 323.2 | 323.7 | 0.1 | 8.1 | 17.2 | 74. |
| 26.5 | 72.2 | 7408.8 | 400.0 | -24.1 | -48.3 | 267.1 | 35.8 | 35.7 | 1.8 | 323.7 | 324.3 | 0.1 | 10.6 | 20.3 | 77. |
| 28.3 | 76.1 | 7879.4 | 375.0 | -27.3 | -48.8 | 261.0 | 39.9 | 39.4 | 6.3 | 325.4 | 325.9 | 0.1 | 10.8 | 24.5 | 78. |
| 30.2 | 80.2 | 8309.8 | 350.0 | -30.7 | -51.6 | 255.8 | 41.1 | 39.9 | 10.1 | 327.4 | 327.8 | 0.1 | 10.7 | 29.1 | 78. |
| 32.3 | 84.5 | 8891.7 | 325.0 | -35.1 | -54.6 | 254.6 | 41.4 | 40.0 | 11.0 | 328.3 | 328.6 | 0.1 | 11.4 | 34.2 | 77. |
| 34.4 | 89.0 | 9445.5 | 300.0 | -38.6 | -57.1 | 255.1 | 41.6 | 40.2 | 10.7 | 330.9 | 331.2 | 0.1 | 12.0 | 39.4 | 77. |
| 36.6 | 93.6 | 10038.0 | 275.0 | -43.2 | -59.9 | 255.4 | 42.2 | 40.9 | 10.7 | 332.7 | 332.9 | 99.9 | 99.9 | 44.9 | 77. |
| 39.0 | 98.6 | 10673.3 | 250.0 | -47.9 | -59.9 | 257.0 | 42.8 | 41.8 | 9.7 | 334.8 | 334.8 | 99.9 | 99.9 | 51.1 | 77. |
| 41.5 | 103.6 | 11359.9 | 225.0 | -53.2 | -59.9 | 257.6 | 45.8 | 44.7 | 9.9 | 337.0 | 337.0 | 99.9 | 99.9 | 58.0 | 77. |
| 44.9 | 109.5 | 12109.2 | 200.0 | -58.9 | -59.9 | 254.2 | 45.4* | 47.5 | 13.5 | 339.5 | 339.5 | 99.9 | 99.9 | 66.9 | 77. |
| 48.2 | 115.5 | 12938.9 | 175.0 | -61.7 | -59.9 | 254.2 | 45.4* | 42.1 | 17.4 | 348.2 | 348.2 | 99.9 | 99.9 | 76.4 | 77. |
| 52.0 | 122.0 | 13903.8 | 150.0 | -60.9 | -59.9 | 253.0 | 45.5* | 32.7 | 10.0 | 365.1 | 365.1 | 99.9 | 99.9 | 85.6 | 75. |
| 56.0 | 128.7 | 15031.3 | 125.0 | -60.9 | -59.9 | 259.4 | 34.2* | 32.9 | 6.5 | 384.6 | 384.6 | 99.9 | 99.9 | 94.2 | 75. |
| 60.6 | 135.7 | 16407.5 | 100.0 | -64.0 | -59.9 | 264.9 | 22.5* | 22.4 | 2.0 | 404.2 | 404.2 | 99.9 | 99.9 | 101.3 | 75. |
| 66.0 | 143.3 | 18144.2 | 75.0 | -66.8 | -59.9 | 228.0 | 12.1* | 9.6 | 6.1 | 432.6 | 432.6 | 99.9 | 99.9 | 107.0 | 76. |
| 74.2 | 151.3 | 20617.4 | 50.0 | -62.2 | -59.9 | 132.2 | 5.6* | -4.1 | 3.7 | 497.1 | 497.1 | 99.9 | 99.9 | 108.0 | 76. |
| 88.2 | 159.3 | 25033.1 | 25.0 | -51.1 | -59.9 | 294.1 | 4.8 | 4.4 | -2.0 | 638.3 | 638.3 | 99.9 | 99.9 | 107.2 | 76. |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 ** BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 *** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
 **** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

STATION NO. 255
VICTORIA, TEXAS

25 APRIL 1982
515 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 5.8 | 33.0 | 1009.0 | 14.8 | 14.3 | 40.0 | 2.6 | -1.7 | -2.0 | 287.2 | 313.3 | 10.3 | 97.0 | 0.0 | 0 |
| 0.2 | 6.7 | 109.1 | 1000.0 | 14.6 | 13.2 | 111.6 | 9.4 | -8.7 | 3.5 | 287.7 | 312.4 | 9.6 | 91.7 | 0.1 | 225 |
| 1.0 | 9.2 | 324.7 | 975.0 | 17.0 | 15.5 | 121.7 | 9.3 | -7.9 | 4.9 | 292.3 | 323.7 | 12.2 | 96.7 | 0.3 | 269 |
| 1.6 | 11.7 | 547.2 | 950.0 | 17.0 | 16.4 | 150.7 | 7.2 | -3.5 | 6.3 | 294.4 | 327.0 | 12.5 | 98.6 | 0.7 | 291 |
| 2.5 | 14.7 | 775.1 | 925.0 | 16.1 | 15.6 | 188.3 | 5.5 | 0.8 | 5.5 | 295.8 | 327.6 | 12.2 | 96.8 | 0.8 | 310 |
| 3.2 | 16.7 | 1008.6 | 900.0 | 15.0 | 14.6 | 198.9 | 5.5 | 1.6 | 5.3 | 297.0 | 327.9 | 11.7 | 97.2 | 1.0 | 324 |
| 4.1 | 19.3 | 1247.2 | 875.0 | 13.3 | 12.9 | 199.7 | 5.9 | 2.0 | 5.6 | 298.9 | 326.3 | 10.8 | 97.3 | 1.1 | 335 |
| 4.9 | 21.9 | 1491.3 | 850.0 | 12.1 | 10.9 | 207.4 | 6.9 | 3.2 | 6.1 | 298.9 | 324.9 | 9.7 | 92.2 | 1.4 | 345 |
| 5.8 | 24.4 | 1741.5 | 825.0 | 11.2 | 6.3 | 231.4 | 7.1 | 5.5 | 4.4 | 303.5 | 320.6 | 7.3 | 71.9 | 1.6 | 355 |
| 6.6 | 27.1 | 1999.0 | 800.0 | 11.7 | 2.1 | 256.2 | 8.6 | 8.3 | 2.0 | 303.5 | 319.4 | 5.8 | 51.8 | 1.8 | 20 |
| 7.4 | 29.8 | 2264.3 | 775.0 | 10.4 | 0.3 | 268.4 | 9.3 | 9.0 | 0.3 | 305.0 | 316.9 | 3.9 | 49.5 | 1.9 | 20 |
| 8.4 | 32.4 | 2536.3 | 750.0 | 8.4 | -2.9 | 274.4 | 9.1 | 9.0 | -0.7 | 305.7 | 316.9 | 2.0 | 41.9 | 2.2 | 33 |
| 9.4 | 35.2 | 2815.3 | 725.0 | 6.3 | -12.8 | 274.5 | 9.4 | 9.4 | -0.7 | 306.4 | 312.4 | 2.0 | 24.0 | 2.5 | 44 |
| 10.3 | 38.0 | 3101.7 | 700.0 | 4.0 | -13.5 | 267.8 | 9.6 | 9.8 | 0.4 | 306.9 | 312.8 | 1.9 | 26.5 | 2.9 | 52 |
| 11.3 | 40.8 | 3395.8 | 675.0 | 1.1 | -12.2 | 265.9 | 9.6 | 9.6 | 0.7 | 306.9 | 313.6 | 2.2 | 36.3 | 3.4 | 58 |
| 12.3 | 43.6 | 3697.9 | 650.0 | -1.4 | -22.4 | 271.9 | 11.4 | 11.4 | -0.4 | 307.4 | 310.6 | 1.0 | 19.0 | 3.9 | 62 |
| 13.3 | 46.5 | 4009.2 | 625.0 | -2.8 | -30.8 | 280.9 | 14.0 | 13.8 | -2.7 | 309.3 | 310.9 | 0.5 | 9.3 | 4.5 | 68 |
| 14.5 | 49.4 | 4332.2 | 600.0 | -3.9 | -31.8 | 276.2 | 16.6 | 16.5 | -1.8 | 311.6 | 313.1 | 0.4 | 9.2 | 5.5 | 74 |
| 15.6 | 52.4 | 4666.6 | 575.0 | -5.8 | -33.0 | 265.3 | 17.9 | 17.9 | 1.5 | 313.2 | 314.5 | 0.4 | 9.5 | 6.6 | 77 |
| 16.3 | 55.6 | 5013.6 | 550.0 | -7.5 | -33.6 | 258.0 | 19.4 | 19.0 | 4.0 | 315.3 | 316.6 | 0.4 | 10.2 | 8.0 | 78 |
| 18.1 | 58.6 | 5373.8 | 525.0 | -10.3 | -34.4 | 254.1 | 19.4 | 18.6 | 5.3 | 316.1 | 317.4 | 0.4 | 11.8 | 9.5 | 77 |
| 19.4 | 61.8 | 5747.0 | 500.0 | -13.6 | -35.0 | 257.7 | 19.8 | 19.4 | 4.2 | 316.2 | 317.6 | 0.4 | 14.6 | 11.0 | 77 |
| 20.8 | 65.0 | 6134.1 | 475.0 | -16.7 | -37.5 | 262.0 | 22.1 | 21.9 | 3.1 | 317.3 | 318.5 | 0.3 | 14.5 | 12.7 | 78 |
| 22.1 | 68.3 | 6537.8 | 450.0 | -19.9 | -40.2 | 262.4 | 23.9 | 23.7 | 3.2 | 318.2 | 319.1 | 0.2 | 14.4 | 14.6 | 78 |
| 23.7 | 71.7 | 6959.2 | 425.0 | -22.8 | -43.2 | 266.5 | 27.9 | 27.8 | 1.7 | 319.8 | 320.5 | 0.2 | 13.5 | 16.9 | 79 |
| 25.3 | 75.1 | 7401.2 | 400.0 | -25.9 | -46.6 | 267.1 | 31.6 | 31.6 | 1.6 | 321.3 | 321.9 | 0.1 | 12.3 | 19.8 | 80 |
| 27.0 | 78.7 | 7865.9 | 375.0 | -29.0 | -48.9 | 263.7 | 35.5 | 35.3 | 3.9 | 323.3 | 323.7 | 0.1 | 12.5 | 23.1 | 81 |
| 28.9 | 82.5 | 8356.5 | 350.0 | -31.7 | -51.6 | 258.8 | 42.1 | 40.2 | 9.4 | 326.0 | 326.3 | 0.1 | 11.9 | 27.5 | 81 |
| 30.7 | 86.3 | 8876.6 | 325.0 | -35.2 | -56.2 | 251.9 | 42.1 | 40.0 | 13.1 | 328.1 | 326.3 | 0.1 | 9.5 | 32.1 | 80 |
| 32.6 | 90.3 | 9428.6 | 300.0 | -39.7 | -59.6 | 251.4 | 41.6 | 39.4 | 13.3 | 329.4 | 326.3 | 99.9 | 99.9 | 37.3 | 78 |
| 35.3 | 94.5 | 10018.3 | 275.0 | -44.0 | -59.9 | 251.1 | 42.6 | 40.3 | 13.8 | 331.5 | 326.3 | 99.9 | 99.9 | 37.3 | 78 |
| 38.0 | 99.0 | 10651.4 | 250.0 | -48.9 | -59.9 | 248.1 | 45.1 | 41.8 | 16.9 | 333.4 | 326.3 | 99.9 | 99.9 | 43.6 | 78 |
| 40.4 | 103.6 | 11336.3 | 225.0 | -54.1 | -59.9 | 246.9 | 48.1 | 42.5 | 18.1 | 335.6 | 326.3 | 99.9 | 99.9 | 50.5 | 75 |
| 43.3 | 108.5 | 12084.8 | 200.0 | -58.1 | -59.9 | 246.7 | 49.2* | 45.2 | 19.4 | 340.8 | 326.3 | 99.9 | 99.9 | 57.1 | 75 |
| 46.4 | 113.8 | 12923.6 | 175.0 | -59.6 | -59.9 | 251.4 | 46.5* | 44.1 | 14.8 | 351.5 | 326.3 | 99.9 | 99.9 | 65.3 | 74 |
| 50.0 | 119.5 | 13883.2 | 150.0 | -62.3 | -59.9 | 251.4 | 39.3* | 37.3 | 12.6 | 362.8 | 326.3 | 99.9 | 99.9 | 74.2 | 74 |
| 54.2 | 125.7 | 15023.5 | 125.0 | -58.6 | -59.9 | 258.4 | 31.9* | 31.2 | 6.4 | 388.9 | 326.3 | 99.9 | 99.9 | 84.0 | 73 |
| 59.4 | 132.5 | 16403.8 | 100.0 | -63.7 | -59.9 | 259.3 | 24.9* | 24.5 | 4.6 | 404.7 | 326.3 | 99.9 | 99.9 | 100.4 | 74 |
| 65.4 | 140.0 | 18144.6 | 75.0 | -65.9 | -59.9 | 243.1 | 9.7* | 8.8 | 4.4 | 434.8 | 326.3 | 99.9 | 99.9 | 107.0 | 74 |
| 72.8 | 148.3 | 20620.0 | 50.0 | -61.2 | -59.9 | 189.2 | 4.7* | 0.7 | 4.6 | 499.5 | 326.3 | 99.9 | 99.9 | 107.9 | 73 |
| 86.9 | 157.0 | 25008.6 | 25.0 | -52.2 | -59.9 | 313.3 | 5.2 | 3.8 | -3.6 | 634.5 | 326.3 | 99.9 | 99.9 | 108.2 | 73 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

** BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

*** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

*** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

ORIGINAL: 11/11/82
OF POOR QUALITY

STATION NO. 260
STEPHENVILLE, TEXAS
24 APRIL 1982
1415 GMT

| TIME MIN | CNTOT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 9.5 | 399.0 | 971.9 | 9.0 | 8.4 | 170.0 | 3.6 | -0.6 | 3.5 | 284.5 | 302.8 | 7.1 | 96.0 | 0.0 | 0.0 |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.9 | 11.9 | 587.7 | 975.0 | 7.4 | 6.7 | 179.5 | 7.5 | -0.1 | 7.5 | 284.7 | 301.5 | 6.5 | 95.0 | 0.3 | 355.0 |
| 1.6 | 14.6 | 807.4 | 925.0 | 6.8 | 5.7 | 193.4 | 9.5 | 2.2 | 9.2 | 286.3 | 302.5 | 6.2 | 92.4 | 0.6 | 0.0 |
| 2.5 | 17.1 | 1033.7 | 900.0 | 8.6 | 7.1 | 217.2 | 10.5 | 6.3 | 8.4 | 290.4 | 308.9 | 7.0 | 90.1 | 1.2 | 12.0 |
| 3.4 | 19.8 | 1267.3 | 875.0 | 8.4 | 6.6 | 228.3 | 10.2 | 7.6 | 8.8 | 292.6 | 311.3 | 7.0 | 88.5 | 1.7 | 23.0 |
| 4.4 | 22.3 | 1507.2 | 850.0 | 8.0 | 6.2 | 237.4 | 10.6 | 9.0 | 5.7 | 294.5 | 313.3 | 7.3 | 88.5 | 2.2 | 31.0 |
| 5.5 | 25.0 | 1754.0 | 825.0 | 8.0 | 6.3 | 244.3 | 11.8 | 9.8 | 6.9 | 297.1 | 316.8 | 7.3 | 88.7 | 2.9 | 37.0 |
| 6.6 | 27.7 | 2007.9 | 800.0 | 6.6 | 4.9 | 240.8 | 11.7 | 10.2 | 5.7 | 298.2 | 316.8 | 6.8 | 88.7 | 3.6 | 41.0 |
| 7.8 | 30.4 | 2268.4 | 775.0 | 5.1 | 3.4 | 245.0 | 11.8 | 11.3 | 5.4 | 299.3 | 317.5 | 6.3 | 88.9 | 4.5 | 45.0 |
| 8.8 | 33.1 | 2538.0 | 750.0 | 3.3 | 2.2 | 253.4 | 11.8 | 11.3 | 3.4 | 300.7 | 318.4 | 5.7 | 88.4 | 5.2 | 49.0 |
| 9.9 | 35.9 | 2811.4 | 725.0 | 2.6 | 1.1 | 258.8 | 10.8 | 10.6 | 2.1 | 302.7 | 318.7 | 5.3 | 88.4 | 5.9 | 52.0 |
| 11.1 | 38.8 | 3095.0 | 700.0 | 1.1 | -0.5 | 258.9 | 8.7 | 8.6 | 1.7 | 303.7 | 318.7 | 5.2 | 88.4 | 6.5 | 55.0 |
| 12.8 | 41.6 | 3380.9 | 675.0 | -1.2 | -2.9 | 243.8 | 11.2 | 10.1 | 5.0 | 304.3 | 317.5 | 4.6 | 88.4 | 7.4 | 57.0 |
| 15.4 | 44.4 | 3687.1 | 650.0 | -4.8 | -6.0 | 240.5 | 13.3 | 11.6 | 5.5 | 305.7 | 316.6 | 3.8 | 78.0 | 10.9 | 58.0 |
| 17.7 | 47.4 | 3997.3 | 625.0 | -7.9 | -8.3 | 236.2 | 13.0 | 10.8 | 7.3 | 307.0 | 316.7 | 3.3 | 76.3 | 12.7 | 57.0 |
| 19.7 | 50.3 | 4318.3 | 600.0 | -6.1 | -9.9 | 229.3 | 13.9 | 10.6 | 9.1 | 309.1 | 318.1 | 3.0 | 74.3 | 14.5 | 56.0 |
| 21.8 | 53.4 | 4650.5 | 575.0 | -9.9 | -14.1 | 225.0 | 15.5 | 11.0 | 11.0 | 310.7 | 318.8 | 2.7 | 71.2 | 16.1 | 55.0 |
| 23.9 | 56.4 | 4995.1 | 550.0 | -9.9 | -16.3 | 223.9 | 14.8 | 10.8 | 8.5 | 312.3 | 319.5 | 2.2 | 69.5 | 17.3 | 54.0 |
| 26.4 | 62.8 | 5724.3 | 500.0 | -17.7 | -19.6 | 226.6 | 14.8 | 10.8 | 10.2 | 314.9 | 320.1 | 1.6 | 65.9 | 18.3 | 54.0 |
| 28.1 | 68.0 | 6110.1 | 475.0 | -20.2 | -25.4 | 219.9 | 21.8 | 14.0 | 16.7 | 316.1 | 320.3 | 1.3 | 65.5 | 20.1 | 53.0 |
| 29.7 | 69.3 | 6513.2 | 450.0 | -24.3 | -30.7 | 206.3 | 27.6 | 13.1 | 24.3 | 317.9 | 321.4 | 1.1 | 63.0 | 22.6 | 51.0 |
| 32.2 | 76.3 | 7372.7 | 425.0 | -27.9 | -36.1 | 215.7 | 26.6 | 13.4 | 23.0 | 317.9 | 320.2 | 0.7 | 54.9 | 26.2 | 47.0 |
| 35.4 | 79.9 | 7832.7 | 400.0 | -37.9 | -40.8 | 217.1 | 24.2 | 14.6 | 19.3 | 319.3 | 320.3 | 0.3 | 45.1 | 31.4 | 45.0 |
| 38.0 | 83.6 | 8316.7 | 375.0 | -35.5 | -44.3 | 218.3 | 25.3 | 15.7 | 18.5 | 320.9 | 321.6 | 0.2 | 39.7 | 39.3 | 43.0 |
| 41.0 | 87.4 | 8828.3 | 350.0 | -39.3 | -49.9 | 223.6 | 25.5 | 17.6 | 18.5 | 322.6 | 322.6 | 0.2 | 39.7 | 44.1 | 43.0 |
| 44.1 | 91.4 | 9372.5 | 325.0 | -43.1 | -51.1 | 223.5 | 27.2 | 18.7 | 15.6 | 324.6 | 324.6 | 0.2 | 39.7 | 48.8 | 43.0 |
| 49.8 | 95.7 | 9952.8 | 300.0 | -47.8 | -51.4 | 226.1 | 22.5* | 20.0 | 14.6 | 326.0 | 326.0 | 0.2 | 39.7 | 52.8 | 43.0 |
| 52.9 | 99.8 | 10577.0 | 250.0 | -51.1 | -51.4 | 233.9 | 24.7* | 20.2 | 12.5 | 330.1 | 330.1 | 0.2 | 39.7 | 57.0 | 44.0 |
| 56.3 | 104.4 | 11262.5 | 225.0 | -53.2 | -51.4 | 245.5 | 30.2* | 27.5 | 12.5 | 339.8 | 339.8 | 0.2 | 39.7 | 62.7 | 45.0 |
| 60.3 | 109.4 | 12025.3 | 200.0 | -56.5 | -51.4 | 244.7 | 28.8* | 26.1 | 12.3 | 348.5 | 348.5 | 0.2 | 39.7 | 69.6 | 47.0 |
| 64.5 | 114.7 | 12878.9 | 175.0 | -54.7 | -51.4 | 240.3 | 26.9* | 23.3 | 11.7 | 356.7 | 356.7 | 0.2 | 39.7 | 75.3 | 49.0 |
| 69.6 | 120.5 | 13860.2 | 150.0 | -55.5 | -51.4 | 243.8 | 26.4* | 23.7 | 8.6 | 375.9 | 375.9 | 0.2 | 39.7 | 84.8 | 50.0 |
| 75.9 | 127.0 | 15028.4 | 125.0 | -55.5 | -51.4 | 246.9 | 21.9* | 20.2 | 3.3 | 394.5 | 394.5 | 0.2 | 39.7 | 92.7 | 51.0 |
| 82.8 | 134.7 | 16434.3 | 100.0 | -60.3 | -51.4 | 260.1 | 19.2* | 13.9 | -0.9 | 411.2 | 411.2 | 0.2 | 39.7 | 100.8 | 53.0 |
| 90.8 | 143.3 | 18217.8 | 75.0 | -60.6 | -51.4 | 275.9 | 8.7* | 8.7 | 7.2 | 446.0 | 446.0 | 0.2 | 39.7 | 105.4 | 54.0 |
| 101.2 | 154.0 | 20738.1 | 50.0 | -58.2 | -51.4 | 181.7 | 7.2* | 0.2 | 99.9 | 506.4 | 506.4 | 0.2 | 39.7 | 107.9 | 54.0 |
| 99.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 ** BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 *** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
 **** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

STATION NO. 280
STEPHENVILLE, TEXAS

24 APRIL 1982
1715 GMT

163 12. 0

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RIO CM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 9.7 | 399.0 | 972.0 | 10.5 | 9.6 | 170.0 | 5.2 | -0.9 | 5.1 | 286.0 | 305.9 | 7.7 | 94.0 | 0.0 | 0 |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999 |
| 0.7 | 11.9 | 589.1 | 950.0 | 8.5 | 7.8 | 186.4 | 7.2 | 0.8 | 7.1 | 285.8 | 303.8 | 7.0 | 95.3 | 0.4 | 357 |
| 1.5 | 14.5 | 809.6 | 925.0 | 7.2 | 6.6 | 199.6 | 9.0 | 3.0 | 8.5 | 286.7 | 304.0 | 6.7 | 95.3 | 0.8 | 3 |
| 2.3 | 17.0 | 1025.7 | 900.0 | 6.4 | 7.8 | 214.9 | 11.4 | 6.5 | 9.3 | 290.2 | 308.6 | 7.4 | 95.1 | 1.2 | 13 |
| 3.2 | 19.7 | 1269.4 | 875.0 | 8.8 | 8.0 | 223.6 | 12.9 | 8.9 | 9.3 | 292.9 | 313.3 | 7.7 | 95.0 | 1.6 | 22 |
| 4.1 | 22.2 | 1509.8 | 850.0 | 8.7 | 8.0 | 232.5 | 13.4 | 10.6 | 8.2 | 295.3 | 316.6 | 8.0 | 95.3 | 2.5 | 29 |
| 4.9 | 25.0 | 1757.2 | 825.0 | 8.0 | 7.3 | 228.9 | 12.5 | 9.4 | 8.2 | 298.1 | 318.2 | 7.8 | 95.0 | 3.1 | 34 |
| 5.7 | 27.6 | 2011.3 | 800.0 | 6.9 | 5.4 | 224.8 | 11.5 | 8.1 | 8.2 | 298.5 | 317.8 | 7.1 | 90.2 | 3.7 | 36 |
| 6.5 | 30.1 | 2272.1 | 775.0 | 5.3 | 2.5 | 223.2 | 9.7 | 6.7 | 7.1 | 299.6 | 318.0 | 6.7 | 92.6 | 4.2 | 37 |
| 7.6 | 32.9 | 2539.8 | 750.0 | 4.1 | 2.5 | 233.8 | 9.3 | 7.5 | 5.5 | 301.0 | 318.1 | 6.1 | 89.7 | 4.7 | 38 |
| 8.5 | 35.6 | 2815.8 | 725.0 | 3.2 | 0.8 | 233.9 | 9.9 | 8.0 | 5.8 | 303.0 | 318.2 | 5.6 | 84.2 | 5.3 | 40 |
| 9.4 | 38.3 | 3099.9 | 700.0 | 1.4 | -0.3 | 232.3 | 10.2 | 8.0 | 6.2 | 304.0 | 318.2 | 5.4 | 88.5 | 5.8 | 41 |
| 10.4 | 41.1 | 3392.0 | 675.0 | -0.9 | -1.9 | 233.3 | 9.2 | 7.4 | 5.5 | 304.6 | 318.2 | 4.9 | 92.9 | 6.4 | 42 |
| 11.6 | 44.0 | 3692.7 | 650.0 | -1.5 | -21.2 | 235.1 | 9.3 | 7.6 | 5.3 | 307.3 | 310.7 | 1.1 | 20.5 | 7.0 | 43 |
| 12.7 | 46.9 | 4003.6 | 625.0 | -4.3 | -16.6 | 241.1 | 11.2 | 9.8 | 5.4 | 307.6 | 312.7 | 1.7 | 37.5 | 7.6 | 44 |
| 13.8 | 49.9 | 4323.8 | 600.0 | -7.3 | -12.2 | 245.4 | 14.4 | 13.1 | 6.0 | 307.7 | 315.3 | 2.5 | 67.5 | 8.5 | 47 |
| 15.1 | 52.8 | 4654.8 | 575.0 | -8.9 | -16.0 | 241.0 | 15.9 | 13.9 | 7.7 | 309.5 | 315.4 | 1.9 | 56.2 | 9.6 | 49 |
| 16.4 | 55.9 | 4997.7 | 550.0 | -10.6 | -25.3 | 232.7 | 18.2 | 14.5 | 11.0 | 311.6 | 314.5 | 0.9 | 28.9 | 10.9 | 50 |
| 17.7 | 59.0 | 5354.0 | 525.0 | -13.2 | -38.3 | 225.9 | 19.5 | 14.0 | 13.6 | 312.6 | 318.0 | 1.7 | 64.6 | 12.4 | 50 |
| 18.9 | 62.1 | 5724.1 | 500.0 | -15.3 | -38.3 | 228.4 | 18.2 | 14.4 | 12.8 | 314.4 | 315.6 | 0.3 | 14.4 | 13.9 | 49 |
| 20.2 | 65.3 | 6110.4 | 475.0 | -17.4 | -38.3 | 228.4 | 18.5 | 14.1 | 12.0 | 316.5 | 317.5 | 0.3 | 14.1 | 15.3 | 49 |
| 21.5 | 68.6 | 6513.0 | 450.0 | -19.4 | -40.9 | 229.4 | 19.1 | 14.3 | 12.7 | 317.1 | 317.9 | 0.2 | 14.1 | 16.7 | 49 |
| 22.9 | 72.0 | 6932.8 | 425.0 | -23.9 | -43.7 | 232.5 | 20.8 | 15.8 | 13.5 | 319.4 | 319.0 | 0.2 | 14.8 | 18.4 | 49 |
| 24.3 | 75.4 | 7373.0 | 400.0 | -27.4 | -46.1 | 232.5 | 19.7 | 15.6 | 12.0 | 319.4 | 320.8 | 0.1 | 16.6 | 20.1 | 49 |
| 25.8 | 79.0 | 7833.5 | 375.0 | -31.2 | -48.3 | 231.4 | 20.2 | 15.8 | 12.6 | 320.3 | 321.8 | 0.1 | 15.6 | 21.9 | 50 |
| 27.5 | 82.8 | 8318.4 | 350.0 | -35.0 | -52.0 | 232.5 | 21.2 | 16.9 | 12.9 | 321.5 | 321.8 | 0.1 | 15.6 | 24.0 | 50 |
| 29.3 | 86.7 | 8831.2 | 325.0 | -38.9 | -59.9 | 235.2 | 23.5 | 19.3 | 13.4 | 323.1 | 322.7 | 99.9 | 99.9 | 26.3 | 50 |
| 31.2 | 90.7 | 9375.9 | 300.0 | -43.0 | -66.7 | 237.7 | 23.5 | 18.9 | 12.0 | 324.7 | 322.7 | 99.9 | 99.9 | 29.0 | 51 |
| 33.3 | 94.8 | 9958.7 | 275.0 | -47.1 | -69.9 | 241.4 | 22.9 | 20.1 | 11.0 | 327.0 | 322.7 | 99.9 | 99.9 | 31.8 | 51 |
| 35.3 | 99.2 | 10583.2 | 250.0 | -49.4 | -69.9 | 250.8 | 22.9 | 27.8 | 9.7 | 332.6 | 322.7 | 99.9 | 99.9 | 34.5 | 53 |
| 37.4 | 103.8 | 11271.0 | 225.0 | -50.6 | -69.9 | 252.2 | 27.2 | 36.0 | 9.5 | 341.0 | 322.7 | 99.9 | 99.9 | 38.8 | 55 |
| 39.9 | 108.8 | 12032.7 | 200.0 | -53.9 | -69.9 | 252.4 | 32.1 | 30.6 | 9.7 | 347.4 | 322.7 | 99.9 | 99.9 | 44.0 | 58 |
| 42.5 | 114.0 | 12886.8 | 175.0 | -54.8 | -69.9 | 242.3 | 29.6 | 26.2 | 13.7 | 359.4 | 322.7 | 99.9 | 99.9 | 48.6 | 58 |
| 45.7 | 120.0 | 13878.1 | 150.0 | -52.4 | -69.9 | 248.0 | 24.0 | 22.3 | 9.0 | 379.1 | 322.7 | 99.9 | 99.9 | 53.9 | 59 |
| 48.3 | 126.7 | 15045.8 | 125.0 | -56.8 | -69.9 | 245.2 | 23.7 | 21.5 | 9.9 | 392.1 | 322.7 | 99.9 | 99.9 | 58.7 | 59 |
| 53.7 | 134.0 | 16454.8 | 100.0 | -58.9 | -69.9 | 246.9 | 18.8 | 17.3 | 7.4 | 414.0 | 322.7 | 99.9 | 99.9 | 65.0 | 60 |
| 59.0 | 143.8 | 18250.1 | 75.0 | -60.1 | -69.9 | 241.0 | 8.1 | 7.1 | 3.9 | 446.9 | 322.7 | 99.9 | 99.9 | 68.3 | 60 |
| 66.3 | 153.5 | 20783.0 | 50.0 | -58.7 | -69.9 | 151.6 | 3.7 | -1.8 | 3.3 | 505.2 | 322.7 | 99.9 | 99.9 | 69.7 | 60 |
| 78.3 | 165.5 | 25257.4 | 25.0 | -48.2 | -69.9 | 99.9 | 99.9 | -1.8 | 99.9 | 646.4 | 322.7 | 99.9 | 99.9 | 68.4 | 60 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 ** BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 *** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
 **** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 260
STEPHENVILLE, TEXAS
24 APRIL 1982
2015 GMT

| TIME MIN | CNCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 9.6 | 399.0 | 968.6 | 14.2 | 10.4 | 190.0 | 6.2 | 1.1 | 6.1 | 290.0 | 311.4 | 8.2 | 78.0 | 0.0 | 0 |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 0.6 | 11.5 | 562.1 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 1.5 | 14.0 | 784.4 | 950.0 | 11.3 | 9.0 | 999.9 | 99.9 | 99.9 | 99.9 | 288.7 | 308.6 | 7.7 | 86.4 | 999.9 | 999.9 |
| 2.4 | 16.5 | 1012.7 | 925.0 | 9.3 | 8.7 | 999.9 | 99.9 | 99.9 | 99.9 | 288.9 | 308.8 | 7.7 | 92.0 | 999.9 | 999.9 |
| 3.3 | 19.1 | 1248.1 | 900.0 | 11.0 | 9.8 | 186.6 | 13.5 | 1.6 | 13.4 | 292.9 | 315.2 | 8.5 | 92.0 | 1.5 | 5 |
| 4.1 | 21.7 | 1489.1 | 875.0 | 10.2 | 8.7 | 195.4 | 13.7 | 3.6 | 13.2 | 294.4 | 316.0 | 8.1 | 92.0 | 2.2 | 8 |
| 5.0 | 24.2 | 1736.5 | 850.0 | 8.4 | 7.7 | 209.5 | 13.3 | 6.4 | 11.6 | 294.9 | 315.8 | 7.8 | 95.6 | 2.8 | 10 |
| 6.0 | 26.9 | 1990.6 | 825.0 | 8.1 | 7.0 | 209.5 | 11.2 | 5.5 | 9.8 | 297.1 | 317.8 | 7.7 | 93.0 | 3.5 | 14 |
| 6.9 | 29.6 | 2252.2 | 800.0 | 7.7 | 5.5 | 211.8 | 9.4 | 4.9 | 8.0 | 299.4 | 318.9 | 7.1 | 86.3 | 4.0 | 16 |
| 7.9 | 32.2 | 2520.5 | 775.0 | 6.0 | 5.0 | 222.0 | 8.3 | 5.6 | 6.2 | 300.3 | 319.8 | 7.1 | 93.0 | 4.5 | 18 |
| 8.9 | 34.9 | 2797.3 | 750.0 | 4.5 | 3.2 | 226.9 | 10.0 | 7.3 | 6.9 | 301.5 | 319.4 | 6.5 | 91.4 | 5.0 | 21 |
| 9.9 | 37.7 | 3082.5 | 725.0 | 4.6 | -1.9 | 239.0 | 10.9 | 9.3 | 5.6 | 304.5 | 317.8 | 4.6 | 62.6 | 5.5 | 24 |
| 10.9 | 40.4 | 3375.3 | 700.0 | 2.3 | -4.8 | 242.9 | 11.8 | 10.5 | 5.4 | 305.1 | 316.2 | 3.8 | 59.4 | 6.1 | 28 |
| 12.0 | 43.2 | 3676.2 | 675.0 | -0.3 | -5.8 | 243.7 | 11.8 | 11.6 | 5.2 | 305.3 | 315.0 | 3.7 | 65.4 | 6.7 | 32 |
| 13.1 | 46.1 | 3986.1 | 650.0 | -2.7 | -6.8 | 244.4 | 12.7 | 11.5 | 5.2 | 305.3 | 317.7 | 4.1 | 64.2 | 7.3 | 35 |
| 14.3 | 49.0 | 4305.7 | 625.0 | -5.2 | -7.5 | 245.2 | 14.4 | 13.4 | 5.3 | 305.5 | 317.2 | 3.7 | 84.2 | 8.1 | 38 |
| 15.5 | 52.0 | 4635.7 | 600.0 | -7.5 | -10.6 | 245.2 | 16.8 | 15.3 | 7.1 | 307.4 | 315.9 | 2.8 | 88.7 | 8.1 | 42 |
| 16.8 | 55.0 | 4976.7 | 575.0 | -10.1 | -15.7 | 245.2 | 18.1 | 16.1 | 8.2 | 308.1 | 314.1 | 2.0 | 83.6 | 10.3 | 44 |
| 18.1 | 58.1 | 5330.1 | 550.0 | -12.8 | -17.9 | 249.4 | 19.0 | 17.8 | 6.7 | 308.9 | 314.1 | 0.8 | 65.6 | 11.7 | 47 |
| 19.4 | 61.3 | 5698.5 | 525.0 | -15.2 | -25.9 | 248.8 | 20.3 | 18.9 | 7.4 | 310.2 | 312.8 | 0.4 | 36.5 | 13.1 | 50 |
| 20.8 | 64.4 | 6082.1 | 500.0 | -16.5 | -35.8 | 245.0 | 21.7 | 19.7 | 9.2 | 312.9 | 314.1 | 0.3 | 17.0 | 14.7 | 52 |
| 22.2 | 67.7 | 6483.2 | 475.0 | -18.9 | -40.0 | 247.8 | 24.4 | 22.5 | 9.4 | 314.6 | 315.7 | 0.3 | 16.5 | 15.5 | 53 |
| 23.5 | 71.0 | 6902.6 | 450.0 | -21.2 | -42.6 | 247.7 | 27.1 | 25.1 | 10.3 | 316.6 | 317.5 | 0.2 | 15.5 | 16.7 | 55 |
| 25.1 | 74.5 | 7341.8 | 425.0 | -24.4 | -45.1 | 246.7 | 28.3 | 25.4 | 10.4 | 317.7 | 318.5 | 0.2 | 15.5 | 18.7 | 55 |
| 26.9 | 78.1 | 7803.0 | 400.0 | -27.5 | -47.6 | 246.4 | 27.7 | 25.4 | 11.1 | 319.2 | 319.9 | 0.2 | 15.5 | 20.7 | 55 |
| 28.7 | 81.7 | 8288.9 | 375.0 | -31.0 | -48.2 | 246.4 | 27.7 | 25.4 | 11.1 | 320.5 | 321.0 | 0.2 | 15.5 | 23.2 | 57 |
| 30.5 | 85.4 | 8802.4 | 350.0 | -34.4 | -48.2 | 246.4 | 28.8 | 26.4 | 11.6 | 322.3 | 322.8 | 0.1 | 17.5 | 26.2 | 58 |
| 32.2 | 89.4 | 9348.2 | 325.0 | -38.9 | -48.2 | 243.2 | 29.8 | 26.9 | 12.8 | 323.1 | 322.8 | 0.1 | 23.4 | 29.3 | 59 |
| 33.9 | 93.5 | 9932.8 | 300.0 | -41.7 | -48.2 | 247.5 | 32.5 | 30.0 | 12.3 | 326.6 | 322.8 | 99.9 | 99.9 | 32.4 | 60 |
| 36.1 | 98.0 | 10562.6 | 275.0 | -45.7 | -48.2 | 252.2 | 33.3 | 31.7 | 10.1 | 329.1 | 322.8 | 99.9 | 99.9 | 35.3 | 61 |
| 38.2 | 102.5 | 11249.4 | 250.0 | -49.3 | -48.2 | 252.2 | 36.6 | 34.8 | 11.2 | 332.8 | 322.8 | 99.9 | 99.9 | 38.8 | 62 |
| 40.4 | 107.4 | 12008.6 | 225.0 | -51.7 | -48.2 | 248.9 | 40.2 | 37.5 | 13.4 | 339.2 | 322.8 | 99.9 | 99.9 | 43.2 | 62 |
| 42.9 | 112.8 | 12859.5 | 200.0 | -54.1 | -48.2 | 248.9 | 40.2 | 37.5 | 13.4 | 339.2 | 322.8 | 99.9 | 99.9 | 48.0 | 63 |
| 45.9 | 118.7 | 13847.8 | 175.0 | -55.9 | -48.2 | 245.6 | 30.8 | 28.1 | 14.5 | 347.0 | 322.8 | 99.9 | 99.9 | 52.8 | 64 |
| 48.3 | 125.2 | 15008.2 | 150.0 | -55.9 | -48.2 | 245.6 | 30.8 | 28.1 | 12.7 | 357.0 | 322.8 | 99.9 | 99.9 | 58.6 | 64 |
| 53.7 | 133.0 | 16418.4 | 125.0 | -56.3 | -48.2 | 250.0 | 28.5 | 26.8 | 9.4 | 375.1 | 322.8 | 99.9 | 99.9 | 63.6 | 65 |
| 58.8 | 141.7 | 18203.4 | 100.0 | -59.5 | -48.2 | 246.4 | 19.3 | 17.6 | 7.7 | 412.8 | 322.8 | 99.9 | 99.9 | 69.6 | 65 |
| 66.1 | 152.5 | 20716.3 | 75.0 | -62.9 | -48.2 | 151.7 | 11.3 | -5.4 | 9.9 | 441.1 | 322.8 | 99.9 | 99.9 | 75.2 | 65 |
| 78.2 | 164.5 | 25170.2 | 50.0 | -58.7 | -48.2 | 103.4 | 3.6 | -3.5 | 0.8 | 505.2 | 322.8 | 99.9 | 99.9 | 81.4 | 65 |
| | | | 25.0 | -48.9 | -48.2 | 399.9 | 99.9 | 99.9 | 99.9 | 644.4 | 322.8 | 99.9 | 99.9 | 80.0 | 65 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
 ** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

STATION NO. 260
STEPHENVILLE, TEXAS

25 APRIL 1982
315 GMT

161 16. 0

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE NM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 10.3 | 399.0 | 965.7 | 12.3 | 9.7 | 170.0 | 5.2 | -0.9 | 5.1 | 288.3 | 308.7 | 7.9 | 84.0 | 0.0 | 0. |
| 9.9 | 99.9 | 1000.0 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 975.0 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.5 | 12.0 | 536.5 | 950.0 | 11.1 | 10.5 | 173.9 | 9.4 | -1.0 | 9.3 | 288.5 | 310.3 | 8.5 | 96.0 | 0.2 | 338. |
| 1.3 | 14.6 | 758.4 | 925.0 | 10.6 | 10.1 | 191.8 | 10.0 | 2.1 | 9.8 | 290.2 | 312.1 | 8.4 | 96.6 | 0.6 | 352. |
| 2.0 | 17.1 | 988.1 | 900.0 | 10.1 | 9.6 | 206.4 | 11.0 | 4.9 | 9.9 | 292.0 | 313.9 | 8.4 | 96.4 | 1.1 | 1.6 |
| 2.7 | 19.7 | 1222.3 | 875.0 | 8.6 | 8.0 | 213.6 | 11.0 | 5.8 | 8.7 | 292.7 | 313.1 | 7.7 | 96.1 | 1.5 | 13. |
| 3.6 | 22.3 | 1462.0 | 850.0 | 7.2 | 6.5 | 226.9 | 10.0 | 7.3 | 6.8 | 293.7 | 312.8 | 7.2 | 95.9 | 2.0 | 19. |
| 4.5 | 24.9 | 1708.0 | 825.0 | 7.6 | 6.0 | 233.6 | 11.9 | 9.6 | 7.1 | 296.7 | 309.6 | 4.7 | 95.4 | 2.5 | 27. |
| 5.3 | 27.4 | 1962.1 | 800.0 | 8.3 | -6.6 | 232.7 | 11.0 | 8.7 | 6.7 | 300.0 | 308.5 | 2.9 | 94.3 | 3.0 | 32. |
| 6.2 | 30.1 | 2224.2 | 775.0 | 7.9 | -15.4 | 231.8 | 10.6 | 8.4 | 6.6 | 302.4 | 306.9 | 1.5 | 93.3 | 3.6 | 35. |
| 7.2 | 32.8 | 2493.4 | 750.0 | 5.7 | -17.5 | 236.3 | 10.7 | 8.9 | 5.9 | 302.7 | 306.7 | 1.3 | 92.7 | 4.2 | 38. |
| 8.1 | 35.6 | 2769.6 | 725.0 | 4.1 | -22.5 | 244.2 | 12.6 | 11.4 | 5.5 | 303.9 | 306.7 | 0.9 | 92.3 | 4.8 | 41. |
| 9.0 | 38.3 | 3053.9 | 700.0 | 2.4 | -23.9 | 246.8 | 15.0 | 13.8 | 5.9 | 305.2 | 307.7 | 0.8 | 92.2 | 5.3 | 44. |
| 10.0 | 41.1 | 3346.4 | 675.0 | 0.2 | -25.8 | 247.3 | 15.5 | 14.3 | 6.0 | 305.9 | 308.2 | 0.7 | 92.0 | 5.8 | 47. |
| 11.1 | 43.9 | 3648.1 | 650.0 | -1.2 | -26.7 | 247.3 | 15.8 | 14.6 | 6.0 | 307.6 | 309.8 | 0.7 | 92.0 | 6.3 | 50. |
| 12.2 | 46.8 | 3959.2 | 625.0 | -3.5 | -29.1 | 251.8 | 14.8 | 14.1 | 4.6 | 308.4 | 310.2 | 0.5 | 91.9 | 6.8 | 52. |
| 13.3 | 49.7 | 4280.1 | 600.0 | -6.2 | -31.0 | 253.3 | 14.8 | 14.2 | 4.3 | 309.0 | 310.6 | 0.5 | 91.9 | 7.2 | 55. |
| 14.6 | 52.7 | 4611.1 | 575.0 | -9.3 | -32.9 | 249.0 | 13.9 | 13.0 | 5.0 | 309.1 | 310.5 | 0.4 | 91.9 | 7.6 | 58. |
| 15.9 | 55.7 | 4952.7 | 550.0 | -12.4 | -34.9 | 246.7 | 14.8 | 13.6 | 5.9 | 309.4 | 310.6 | 0.4 | 91.9 | 8.0 | 61. |
| 17.3 | 58.8 | 5305.9 | 525.0 | -15.3 | -37.8 | 251.2 | 16.7 | 15.8 | 5.4 | 310.1 | 311.0 | 0.3 | 91.9 | 8.4 | 64. |
| 18.6 | 61.9 | 5672.5 | 500.0 | -17.8 | -39.9 | 252.7 | 18.8 | 18.0 | 5.6 | 311.4 | 312.2 | 0.2 | 91.9 | 8.8 | 67. |
| 20.0 | 65.1 | 6054.0 | 475.0 | -20.5 | -41.9 | 256.5 | 21.1 | 20.5 | 4.9 | 312.6 | 313.3 | 0.2 | 91.9 | 9.2 | 70. |
| 21.4 | 68.4 | 6452.4 | 450.0 | -22.9 | -43.9 | 258.2 | 24.5 | 24.0 | 4.9 | 314.4 | 315.0 | 0.2 | 91.9 | 9.6 | 73. |
| 22.9 | 71.8 | 6868.8 | 425.0 | -25.9 | -46.2 | 257.7 | 24.6 | 24.1 | 5.3 | 315.9 | 316.4 | 0.1 | 91.9 | 10.0 | 76. |
| 24.4 | 75.3 | 7305.3 | 400.0 | -29.0 | -48.7 | 260.1 | 26.3 | 25.9 | 4.5 | 317.3 | 317.7 | 0.1 | 91.9 | 10.4 | 79. |
| 26.1 | 78.8 | 7768.2 | 375.0 | -31.8 | -51.0 | 258.5 | 25.6 | 25.2 | 4.9 | 319.5 | 319.8 | 0.1 | 91.9 | 10.8 | 82. |
| 28.1 | 82.4 | 8248.5 | 350.0 | -35.6 | -53.7 | 256.3 | 29.4 | 28.6 | 7.0 | 320.8 | 321.1 | 0.1 | 91.9 | 11.2 | 85. |
| 30.0 | 86.3 | 8759.3 | 325.0 | -39.8 | -56.3 | 257.8 | 32.7 | 32.0 | 6.9 | 321.8 | 321.1 | 99.9 | 99.9 | 11.6 | 88. |
| 31.7 | 90.2 | 9303.6 | 300.0 | -43.2 | -59.9 | 255.4 | 31.8 | 30.7 | 8.0 | 324.4 | 324.4 | 99.9 | 99.9 | 12.0 | 91. |
| 33.8 | 94.3 | 9884.4 | 275.0 | -46.5 | -62.5 | 251.3 | 31.7 | 30.0 | 10.1 | 328.0 | 328.0 | 99.9 | 99.9 | 12.4 | 94. |
| 36.0 | 98.6 | 10513.5 | 250.0 | -49.4 | -65.0 | 249.7 | 36.1 | 33.8 | 12.5 | 332.7 | 332.7 | 99.9 | 99.9 | 12.8 | 97. |
| 38.4 | 103.2 | 11199.3 | 225.0 | -52.5 | -67.5 | 248.2 | 34.0 | 31.5 | 14.2 | 338.0 | 338.0 | 99.9 | 99.9 | 13.2 | 100. |
| 41.0 | 108.3 | 11958.2 | 200.0 | -55.1 | -69.9 | 246.5 | 35.5 | 32.5 | 12.5 | 345.6 | 345.6 | 99.9 | 99.9 | 13.6 | 103. |
| 43.8 | 113.6 | 12807.9 | 175.0 | -55.8 | -71.8 | 244.7 | 35.5 | 32.5 | 12.5 | 357.9 | 357.9 | 99.9 | 99.9 | 14.0 | 106. |
| 47.3 | 119.7 | 13790.5 | 150.0 | -56.0 | -73.7 | 253.0 | 32.0 | 30.6 | 12.5 | 373.6 | 373.6 | 99.9 | 99.9 | 14.4 | 109. |
| 51.4 | 126.3 | 14943.8 | 125.0 | -56.3 | -75.7 | 247.4 | 23.8 | 22.0 | 9.2 | 393.0 | 393.0 | 99.9 | 99.9 | 14.8 | 112. |
| 56.4 | 134.0 | 16359.9 | 100.0 | -57.7 | -77.7 | 283.6 | 16.1 | 15.7 | -3.8 | 416.3 | 416.3 | 99.9 | 99.9 | 15.2 | 115. |
| 62.3 | 143.3 | 18134.3 | 75.0 | -60.3 | -79.9 | 166.7 | 12.5 | -2.9 | 12.2 | 439.5 | 439.5 | 99.9 | 99.9 | 15.6 | 118. |
| 69.9 | 154.0 | 20626.1 | 50.0 | -63.3 | -81.8 | 164.6 | 7.7 | -2.0 | 7.4 | 501.4 | 501.4 | 99.9 | 99.9 | 16.0 | 121. |
| 82.7 | 168.0 | 25027.1 | 25.0 | -52.8 | -89.9 | 39.7 | 6.2 | -4.0 | -4.8 | 633.0 | 633.0 | 99.9 | 99.9 | 16.4 | 124. |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 260
STEPHENVILLE, TEXAS
25 APRIL 1982
815 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 10.4 | 399.0 | 965.4 | 12.4 | 10.3 | 170.0 | 6.2 | -1.1 | 6.1 | 288.4 | 309.6 | 8.2 | 87.0 | 0.0 | 0.0 |
| 99.9 | 99.9 | 1000.0 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.5 | 12.0 | 534.1 | 975.0 | 11.7 | 11.1 | 174.2 | 17.9 | -1.8 | 17.8 | 289.1 | 311.7 | 8.8 | 95.9 | 0.3 | 93.3 |
| 1.1 | 14.7 | 757.5 | 925.0 | 11.4 | 10.7 | 182.8 | 16.2 | 0.8 | 16.2 | 291.0 | 313.9 | 8.8 | 95.6 | 0.3 | 356.0 |
| 1.9 | 17.3 | 986.6 | 900.0 | 10.1 | 9.3 | 191.9 | 14.4 | 3.0 | 14.0 | 291.9 | 313.5 | 8.2 | 95.1 | 1.6 | 1.0 |
| 2.7 | 20.0 | 1221.2 | 875.0 | 11.9 | 11.3 | 209.5 | 11.3 | 5.6 | 9.9 | 296.1 | 315.4 | 7.1 | 95.1 | 2.2 | 6.0 |
| 3.4 | 22.8 | 1465.8 | 850.0 | 14.1 | -2.4 | 227.1 | 9.3 | 6.8 | 6.4 | 301.0 | 311.8 | 3.8 | 95.0 | 2.6 | 11.0 |
| 4.1 | 25.4 | 1716.9 | 825.0 | 12.4 | -1.5 | 247.1 | 12.1 | 9.0 | 3.8 | 301.7 | 313.5 | 4.2 | 95.0 | 2.9 | 17.0 |
| 5.0 | 28.2 | 1974.1 | 800.0 | 10.8 | -2.5 | 257.4 | 14.4 | 11.8 | 2.6 | 302.7 | 314.1 | 4.0 | 95.0 | 3.2 | 25.0 |
| 5.8 | 30.9 | 2237.7 | 775.0 | 8.5 | -3.2 | 264.7 | 16.2 | 14.3 | 1.3 | 303.0 | 314.1 | 4.0 | 95.0 | 3.2 | 25.0 |
| 6.7 | 33.8 | 2507.8 | 750.0 | 6.0 | -5.3 | 269.9 | 16.2 | 16.2 | 0.0 | 303.0 | 313.0 | 2.4 | 95.0 | 3.6 | 25.0 |
| 7.6 | 36.6 | 2784.2 | 725.0 | 3.7 | -9.9 | 274.4 | 16.2 | 16.2 | -1.2 | 303.5 | 310.9 | 2.5 | 95.0 | 4.1 | 43.0 |
| 8.5 | 39.5 | 3068.1 | 700.0 | 1.7 | -13.3 | 277.5 | 14.3 | 16.0 | -1.9 | 304.3 | 310.2 | 2.0 | 95.0 | 4.8 | 58.0 |
| 9.4 | 42.4 | 3333.7 | 675.0 | -1.1 | -15.1 | 289.3 | 13.5 | 13.5 | 0.1 | 304.4 | 309.7 | 1.8 | 95.0 | 5.4 | 82.0 |
| 10.3 | 45.3 | 3639.5 | 650.0 | -3.2 | -18.6 | 289.3 | 13.5 | 13.4 | 0.1 | 305.4 | 309.6 | 1.4 | 95.0 | 6.0 | 84.0 |
| 11.2 | 48.3 | 3968.1 | 625.0 | -4.7 | -23.7 | 257.1 | 14.7 | 14.3 | 3.3 | 307.1 | 309.9 | 0.9 | 95.0 | 6.7 | 65.0 |
| 12.3 | 51.4 | 4288.8 | 600.0 | -7.2 | -26.2 | 259.4 | 16.4 | 16.1 | 3.0 | 307.8 | 310.2 | 0.7 | 95.0 | 8.4 | 67.0 |
| 13.3 | 54.4 | 4619.3 | 575.0 | -9.3 | -28.7 | 257.8 | 17.3 | 16.9 | 3.7 | 309.1 | 311.1 | 0.5 | 95.0 | 9.4 | 68.0 |
| 14.4 | 57.5 | 4951.1 | 550.0 | -12.2 | -31.0 | 259.1 | 17.2 | 16.9 | 3.3 | 309.6 | 311.3 | 0.5 | 95.0 | 10.6 | 69.0 |
| 15.8 | 60.8 | 5314.5 | 525.0 | -15.3 | -33.6 | 282.6 | 18.7 | 18.5 | 2.4 | 310.0 | 311.5 | 0.4 | 95.0 | 12.0 | 71.0 |
| 17.0 | 64.0 | 5681.0 | 500.0 | -18.0 | -36.1 | 288.0 | 17.2 | 17.2 | 0.6 | 311.1 | 312.7 | 0.3 | 95.0 | 13.3 | 72.0 |
| 18.3 | 67.3 | 6062.0 | 475.0 | -21.2 | -39.0 | 269.6 | 17.0 | 17.0 | 0.1 | 311.8 | 312.7 | 0.3 | 95.0 | 14.5 | 74.0 |
| 19.5 | 70.7 | 6458.8 | 450.0 | -24.2 | -41.8 | 269.1 | 18.0 | 19.0 | 0.3 | 312.8 | 313.6 | 0.2 | 95.0 | 15.7 | 75.0 |
| 20.9 | 74.1 | 6873.3 | 425.0 | -28.5 | -43.5 | 259.8 | 21.1 | 20.7 | 3.7 | 315.1 | 315.7 | 0.2 | 95.0 | 17.3 | 76.0 |
| 22.4 | 77.8 | 7308.7 | 400.0 | -29.4 | -45.8 | 253.8 | 23.5 | 22.6 | 6.5 | 316.8 | 317.4 | 0.2 | 95.0 | 19.4 | 78.0 |
| 23.9 | 81.4 | 7768.9 | 375.0 | -32.7 | -48.8 | 254.6 | 25.8 | 24.9 | 6.7 | 318.3 | 318.8 | 0.1 | 95.0 | 21.6 | 78.0 |
| 25.7 | 85.3 | 8248.5 | 350.0 | -35.8 | -51.2 | 255.6 | 27.0 | 26.2 | 5.7 | 320.4 | 320.8 | 0.1 | 95.0 | 24.4 | 78.0 |
| 27.4 | 89.2 | 8760.1 | 325.0 | -39.8 | -59.9 | 255.3 | 28.6 | 27.7 | 7.3 | 321.9 | 321.9 | 99.9 | 99.9 | 27.2 | 78.0 |
| 29.1 | 93.3 | 9302.9 | 300.0 | -43.7 | -69.9 | 251.7 | 28.2 | 26.8 | 8.9 | 323.8 | 323.8 | 99.9 | 99.9 | 30.1 | 75.0 |
| 31.1 | 97.5 | 9882.3 | 275.0 | -47.2 | -79.9 | 249.9 | 30.4 | 28.5 | 10.4 | 326.9 | 326.9 | 99.9 | 99.9 | 33.5 | 75.0 |
| 33.6 | 102.0 | 10507.1 | 250.0 | -50.6 | -89.9 | 248.5 | 31.8 | 29.6 | 11.7 | 330.9 | 330.9 | 99.9 | 99.9 | 37.7 | 74.0 |
| 35.6 | 106.7 | 11192.7 | 225.0 | -52.1 | -99.9 | 246.0 | 32.8 | 30.0 | 13.4 | 338.7 | 338.7 | 99.9 | 99.9 | 42.2 | 73.0 |
| 38.1 | 111.8 | 11949.5 | 200.0 | -55.0 | -99.9 | 244.5 | 33.6 | 30.3 | 14.4 | 345.6 | 345.6 | 99.9 | 99.9 | 47.1 | 73.0 |
| 41.0 | 117.2 | 12801.6 | 175.0 | -56.0 | -99.9 | 243.0 | 26.7 | 26.7 | 10.2 | 357.5 | 357.5 | 99.9 | 99.9 | 52.6 | 72.0 |
| 44.5 | 123.2 | 13788.9 | 150.0 | -52.7 | -99.9 | 243.0 | 25.6 | 24.6 | 7.1 | 377.5 | 377.5 | 99.9 | 99.9 | 58.4 | 72.0 |
| 48.4 | 130.0 | 14950.8 | 125.0 | -55.5 | -99.9 | 249.8 | 24.9 | 23.3 | 8.6 | 394.5 | 394.5 | 99.9 | 99.9 | 63.6 | 72.0 |
| 52.9 | 137.7 | 16360.6 | 100.0 | -59.8 | -99.9 | 264.5 | 15.5 | 15.4 | 1.5 | 412.2 | 412.2 | 99.9 | 99.9 | 69.5 | 72.0 |
| 58.5 | 146.7 | 18129.4 | 75.0 | -64.1 | -99.9 | 155.5 | 8.7 | -3.6 | 7.9 | 438.7 | 438.7 | 99.9 | 99.9 | 72.0 | 72.0 |
| 65.8 | 157.0 | 20622.1 | 50.0 | -61.8 | -99.9 | 243.8 | 4.3 | 3.8 | 1.9 | 497.9 | 497.9 | 99.9 | 99.9 | 73.6 | 71.0 |
| 77.7 | 168.0 | 25009.9 | 25.0 | -53.7 | -99.9 | 349.2 | 2.9 | 0.5 | -2.9 | 630.3 | 630.3 | 99.9 | 99.9 | 77.7 | 71.0 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

** BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

*** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

**** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

STATION NO. 261
DEL RIO, TEXAS
24 APRIL 1982
1415 GMT

| TIME MIN | ONTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 9.0 | 314.0 | 982.0 | 11.2 | 9.6 | 120.0 | 3.1 | -2.7 | 1.5 | 285.8 | 305.6 | 7.7 | 90.0 | 0.0 | 0 |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 |
| 0.2 | 9.8 | 373.8 | 975.0 | 10.7 | 9.0 | 99.9 | 99.9 | 99.9 | 99.9 | 285.9 | 305.0 | 7.4 | 99.2 | 99.9 | 999.9 |
| 0.6 | 12.4 | 590.2 | 950.0 | 9.2 | 8.5 | 99.9 | 99.9 | 99.9 | 99.9 | 286.6 | 305.5 | 7.4 | 95.2 | 99.9 | 999.9 |
| 1.6 | 15.1 | 811.2 | 925.0 | 8.0 | 7.2 | 99.9 | 99.9 | 99.9 | 99.9 | 287.5 | 305.5 | 6.9 | 94.9 | 99.9 | 999.9 |
| 2.5 | 17.9 | 1037.4 | 900.0 | 7.1 | 6.4 | 99.9 | 99.9 | 99.9 | 99.9 | 288.9 | 306.5 | 6.7 | 94.8 | 99.9 | 999.9 |
| 3.2 | 20.6 | 1269.6 | 875.0 | 7.1 | 6.4 | 99.9 | 99.9 | 99.9 | 99.9 | 291.2 | 309.5 | 6.9 | 94.8 | 99.9 | 999.9 |
| 4.0 | 23.3 | 1508.8 | 850.0 | 7.7 | 6.8 | 99.9 | 99.9 | 99.9 | 99.9 | 294.2 | 313.7 | 7.3 | 94.0 | 99.9 | 999.9 |
| 4.8 | 26.1 | 1756.2 | 825.0 | 8.9 | 7.6 | 99.9 | 99.9 | 99.9 | 99.9 | 298.0 | 319.5 | 7.3 | 91.6 | 99.9 | 999.9 |
| 5.7 | 28.9 | 2010.9 | 800.0 | 7.9 | 0.3 | 243.0 | 6.0 | 5.3 | 2.7 | 299.6 | 313.7 | 5.1 | 60.5 | 1.6 | 17 |
| 6.5 | 31.8 | 2272.5 | 775.0 | 6.8 | 0.7 | 254.8 | 6.6 | 6.4 | 1.7 | 301.2 | 315.4 | 5.1 | 63.1 | 1.9 | 23 |
| 7.5 | 34.6 | 2542.0 | 750.0 | 6.3 | -1.0 | 280.6 | 7.1 | 7.0 | -1.3 | 303.4 | 317.0 | 4.8 | 59.5 | 2.3 | 29 |
| 8.5 | 37.4 | 2820.0 | 725.0 | 5.5 | -1.7 | 283.4 | 8.5 | 8.3 | -2.0 | 305.5 | 318.9 | 4.7 | 59.5 | 2.5 | 37 |
| 9.5 | 40.4 | 3106.2 | 700.0 | 3.8 | -4.5 | 276.7 | 8.4 | 8.3 | -1.0 | 306.7 | 318.2 | 2.8 | 54.7 | 2.9 | 47 |
| 10.5 | 43.4 | 3401.0 | 675.0 | 2.2 | -9.4 | 268.5 | 8.3 | 8.3 | 0.2 | 308.1 | 316.5 | 2.4 | 41.9 | 3.3 | 56 |
| 11.6 | 46.4 | 3704.9 | 650.0 | 0.3 | -11.9 | 262.4 | 8.7 | 8.7 | 1.2 | 309.6 | 316.5 | 2.4 | 39.2 | 3.8 | 61 |
| 12.7 | 49.6 | 4017.8 | 625.0 | -2.5 | -14.8 | 260.0 | 8.6 | 8.5 | 1.5 | 309.6 | 315.8 | 2.0 | 49.5 | 4.4 | 67 |
| 13.8 | 52.7 | 4339.8 | 600.0 | -5.8 | -17.6 | 261.7 | 9.9 | 9.8 | 1.6 | 310.2 | 315.1 | 1.6 | 49.5 | 4.9 | 68 |
| 14.9 | 55.8 | 4671.7 | 575.0 | -8.3 | -20.0 | 259.2 | 13.7 | 13.5 | 2.0 | 312.9 | 313.2 | 0.7 | 23.0 | 5.7 | 70 |
| 16.3 | 59.0 | 5014.9 | 550.0 | -11.1 | -23.5 | 259.1 | 16.9 | 16.6 | 3.2 | 313.3 | 315.2 | 0.6 | 20.6 | 7.0 | 72 |
| 17.6 | 62.3 | 5370.4 | 525.0 | -12.6 | -26.8 | 259.2 | 17.4 | 17.1 | 3.3 | 316.4 | 318.2 | 0.5 | 20.7 | 8.3 | 73 |
| 19.1 | 65.6 | 5742.3 | 500.0 | -13.7 | -31.4 | 258.2 | 19.3 | 19.0 | 4.8 | 317.5 | 318.2 | 0.5 | 20.7 | 9.8 | 74 |
| 20.3 | 69.0 | 6129.9 | 475.0 | -16.5 | -35.7 | 257.1 | 23.6 | 23.1 | 6.1 | 319.5 | 319.1 | 0.4 | 20.9 | 11.5 | 75 |
| 21.8 | 72.4 | 6535.0 | 450.0 | -18.9 | -38.4 | 256.6 | 26.7 | 26.7 | 6.8 | 320.7 | 320.9 | 0.4 | 20.9 | 13.7 | 75 |
| 23.2 | 75.9 | 6958.1 | 425.0 | -22.1 | -41.3 | 256.6 | 29.4 | 28.6 | 6.8 | 321.7 | 321.8 | 0.3 | 21.0 | 16.2 | 75 |
| 24.7 | 79.6 | 7400.7 | 400.0 | -25.6 | -44.2 | 257.8 | 29.7 | 29.0 | 6.2 | 323.2 | 322.7 | 0.3 | 21.2 | 18.9 | 76 |
| 26.4 | 83.3 | 7865.5 | 375.0 | -29.0 | -47.7 | 260.8 | 29.6 | 29.2 | 4.7 | 325.5 | 326.1 | 0.2 | 21.4 | 21.8 | 76 |
| 28.2 | 87.2 | 8355.6 | 350.0 | -33.1 | -49.1 | 263.7 | 33.1 | 32.9 | 3.6 | 328.1 | 328.6 | 0.1 | 22.7 | 25.1 | 77 |
| 30.1 | 91.2 | 8875.2 | 325.0 | -35.3 | -51.6 | 264.3 | 37.3 | 37.1 | 3.7 | 331.4 | 331.8 | 0.1 | 22.8 | 29.1 | 78 |
| 32.1 | 95.3 | 9429.8 | 300.0 | -38.3 | -54.4 | 271.1 | 38.6 | 38.6 | -0.7 | 333.8 | 333.8 | 99.9 | 99.9 | 33.6 | 79 |
| 34.2 | 99.8 | 10022.9 | 275.0 | -42.4 | -59.9 | 273.8 | 39.0 | 38.9 | -2.6 | 336.6 | 336.6 | 99.9 | 99.9 | 38.2 | 81 |
| 36.1 | 104.2 | 10661.7 | 250.0 | -48.8 | -64.8 | 269.4 | 42.8 | 42.8 | -0.5 | 338.7 | 338.7 | 99.9 | 99.9 | 42.9 | 82 |
| 38.3 | 109.0 | 11351.7 | 225.0 | -52.1 | -69.9 | 270.7 | 41.7 | 41.7 | 0.4 | 343.8 | 343.8 | 99.9 | 99.9 | 48.4 | 83 |
| 40.9 | 114.2 | 12107.9 | 200.0 | -55.2 | -73.9 | 274.8 | 39.9 | 39.8 | -3.4 | 355.0 | 355.0 | 99.9 | 99.9 | 54.8 | 84 |
| 43.4 | 119.5 | 12952.1 | 175.0 | -57.5 | -75.5 | 268.6 | 35.9 | 33.2 | 0.8 | 366.7 | 366.7 | 99.9 | 99.9 | 60.2 | 85 |
| 46.6 | 125.5 | 13921.4 | 150.0 | -60.0 | -79.0 | 255.9 | 28.7 | 27.8 | 7.0 | 388.9 | 388.9 | 99.9 | 99.9 | 65.9 | 85 |
| 50.5 | 132.0 | 15069.6 | 125.0 | -58.6 | -83.3 | 249.5 | 26.9 | 25.2 | 5.9 | 405.4 | 405.4 | 99.9 | 99.9 | 72.8 | 84 |
| 54.9 | 139.0 | 16454.2 | 100.0 | -63.3 | -85.7 | 254.3 | 22.0 | 21.2 | 5.4 | 435.2 | 435.2 | 99.9 | 99.9 | 83.3 | 83 |
| 60.3 | 147.0 | 18216.2 | 75.0 | -65.7 | -88.3 | 233.3 | 9.1 | 7.3 | 4.3 | 506.2 | 506.2 | 99.9 | 99.9 | 84.5 | 82 |
| 67.7 | 156.0 | 20717.8 | 50.0 | -58.3 | -99.9 | 181.4 | 4.3 | 0.1 | 99.9 | 647.4 | 647.4 | 99.9 | 99.9 | 84.5 | 82 |
| 79.7 | 165.7 | 25205.5 | 25.0 | -47.9 | -99.9 | 99.9 | 99.9 | 99.9 | 99.9 | | | 99.9 | 99.9 | | |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 ** BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
 ** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

ORIGINAL PAGE 13
OF POOR QUALITY

STATION NO. 261
DEL RIO, TEXAS
24 APRIL 1982
1715 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE NM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 8.8 | 314.0 | 981.6 | 14.9 | 9.5 | 200.0 | 0.5 | 0.2 | 0.5 | 289.6 | 309.5 | 7.6 | 70.0 | 0.0 | 0 |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.3 | 9.5 | 370.9 | 975.0 | 12.7 | 6.8 | 99.9 | 99.9 | 99.9 | 99.9 | 288.0 | 304.7 | 6.4 | 87.5 | 99.9 | 99.9 |
| 1.0 | 12.0 | 588.0 | 950.0 | 9.8 | 8.1 | 99.9 | 99.9 | 99.9 | 99.9 | 287.2 | 305.6 | 7.2 | 89.1 | 99.9 | 99.9 |
| 1.8 | 14.6 | 809.9 | 925.0 | 9.8 | 9.5 | 99.9 | 99.9 | 99.9 | 99.9 | 289.7 | 310.4 | 8.1 | 97.9 | 99.9 | 99.9 |
| 2.6 | 17.2 | 1037.1 | 900.0 | 7.9 | 7.6 | 99.9 | 99.9 | 99.9 | 99.9 | 289.7 | 308.8 | 7.3 | 97.9 | 99.9 | 99.9 |
| 3.3 | 19.8 | 1269.6 | 875.0 | 7.0 | 6.7 | 99.9 | 99.9 | 99.9 | 99.9 | 291.1 | 309.0 | 8.0 | 97.9 | 99.9 | 99.9 |
| 4.2 | 22.4 | 1510.0 | 850.0 | 9.8 | 8.8 | 210.1 | 6.3 | 3.2 | 5.5 | 296.5 | 315.2 | 8.4 | 93.5 | 1.0 | 19 |
| 5.0 | 25.0 | 1758.2 | 825.0 | 9.5 | 3.6 | 255.3 | 4.8 | 4.6 | 1.2 | 308.5 | 317.0 | 5.0 | 66.8 | 1.2 | 24 |
| 5.9 | 27.6 | 2013.8 | 800.0 | 8.8 | 2.9 | 288.6 | 5.5 | 6.7 | -2.1 | 300.5 | 317.0 | 5.9 | 66.8 | 1.2 | 37 |
| 6.8 | 30.3 | 2276.9 | 775.0 | 9.1 | 3.5 | 296.7 | 7.4 | 6.7 | -3.3 | 303.6 | 321.4 | 5.4 | 67.2 | 1.4 | 53 |
| 7.8 | 33.0 | 2548.4 | 750.0 | 8.0 | 2.3 | 286.7 | 7.1 | 6.8 | -2.0 | 305.3 | 322.4 | 5.1 | 67.2 | 1.4 | 55 |
| 8.8 | 35.8 | 2828.1 | 725.0 | 8.6 | -0.5 | 274.6 | 9.1 | 9.1 | -2.0 | 306.7 | 322.4 | 5.1 | 67.2 | 1.4 | 73 |
| 9.7 | 38.6 | 3115.7 | 700.0 | 5.0 | -3.8 | 259.8 | 10.9 | 10.7 | 1.9 | 308.0 | 319.0 | 3.2 | 52.8 | 2.6 | 75 |
| 10.9 | 41.4 | 3411.8 | 675.0 | 3.2 | -7.4 | 248.8 | 11.4 | 10.5 | 4.1 | 309.7 | 317.0 | 2.4 | 45.6 | 4.1 | 74 |
| 11.8 | 44.3 | 3716.2 | 650.0 | 0.6 | -11.8 | 249.1 | 11.9 | 11.1 | 3.4 | 309.8 | 317.0 | 2.4 | 45.6 | 4.1 | 74 |
| 13.0 | 47.2 | 4029.4 | 625.0 | -2.3 | -14.7 | 255.1 | 13.3 | 12.9 | 3.4 | 310.1 | 316.4 | 2.0 | 47.0 | 5.9 | 74 |
| 14.1 | 50.1 | 4351.8 | 600.0 | -5.2 | -17.1 | 257.0 | 15.0 | 14.6 | 3.4 | 310.1 | 316.4 | 2.0 | 47.0 | 5.9 | 74 |
| 15.1 | 53.1 | 4684.3 | 575.0 | -8.0 | -21.1 | 257.5 | 16.1 | 15.6 | 2.2 | 310.1 | 316.4 | 2.0 | 47.0 | 5.9 | 74 |
| 16.3 | 56.3 | 5028.6 | 550.0 | -9.4 | -23.2 | 261.2 | 16.3 | 16.3 | 2.2 | 310.1 | 316.4 | 2.0 | 47.0 | 5.9 | 74 |
| 17.6 | 59.4 | 5387.1 | 525.0 | -10.9 | -24.9 | 264.5 | 16.3 | 16.3 | 2.2 | 310.1 | 316.4 | 2.0 | 47.0 | 5.9 | 74 |
| 19.1 | 62.6 | 5760.8 | 500.0 | -12.9 | -26.2 | 266.7 | 16.3 | 16.3 | 2.2 | 310.1 | 316.4 | 2.0 | 47.0 | 5.9 | 74 |
| 20.4 | 65.9 | 6150.1 | 475.0 | -15.2 | -28.1 | 268.4 | 16.3 | 16.3 | 2.2 | 310.1 | 316.4 | 2.0 | 47.0 | 5.9 | 74 |
| 21.8 | 69.1 | 6556.3 | 450.0 | -18.0 | -30.0 | 266.6 | 16.3 | 16.3 | 2.2 | 310.1 | 316.4 | 2.0 | 47.0 | 5.9 | 74 |
| 23.3 | 72.6 | 6980.8 | 425.0 | -21.3 | -32.3 | 264.3 | 16.3 | 16.3 | 2.2 | 310.1 | 316.4 | 2.0 | 47.0 | 5.9 | 74 |
| 25.0 | 76.2 | 7424.8 | 400.0 | -24.8 | -34.1 | 263.0 | 16.3 | 16.3 | 2.2 | 310.1 | 316.4 | 2.0 | 47.0 | 5.9 | 74 |
| 26.4 | 79.9 | 7891.3 | 375.0 | -28.0 | -35.5 | 263.4 | 16.3 | 16.3 | 2.2 | 310.1 | 316.4 | 2.0 | 47.0 | 5.9 | 74 |
| 28.2 | 83.7 | 8304.0 | 350.0 | -31.7 | -37.1 | 262.8 | 16.3 | 16.3 | 2.2 | 310.1 | 316.4 | 2.0 | 47.0 | 5.9 | 74 |
| 30.1 | 87.7 | 8904.0 | 325.0 | -34.9 | -38.2 | 262.1 | 16.3 | 16.3 | 2.2 | 310.1 | 316.4 | 2.0 | 47.0 | 5.9 | 74 |
| 32.1 | 91.8 | 9458.5 | 300.0 | -37.9 | -39.5 | 264.0 | 16.3 | 16.3 | 2.2 | 310.1 | 316.4 | 2.0 | 47.0 | 5.9 | 74 |
| 34.4 | 96.2 | 10052.2 | 275.0 | -42.6 | -41.0 | 265.2 | 16.3 | 16.3 | 2.2 | 310.1 | 316.4 | 2.0 | 47.0 | 5.9 | 74 |
| 36.5 | 100.6 | 10690.2 | 250.0 | -46.8 | -42.3 | 266.7 | 16.3 | 16.3 | 2.2 | 310.1 | 316.4 | 2.0 | 47.0 | 5.9 | 74 |
| 38.9 | 105.6 | 11382.5 | 225.0 | -51.3 | -43.9 | 266.5 | 16.3 | 16.3 | 2.2 | 310.1 | 316.4 | 2.0 | 47.0 | 5.9 | 74 |
| 41.6 | 110.8 | 12138.3 | 200.0 | -56.7 | -45.9 | 266.5 | 16.3 | 16.3 | 2.2 | 310.1 | 316.4 | 2.0 | 47.0 | 5.9 | 74 |
| 44.4 | 116.2 | 12979.9 | 175.0 | -59.1 | -47.9 | 262.5 | 16.3 | 16.3 | 2.2 | 310.1 | 316.4 | 2.0 | 47.0 | 5.9 | 74 |
| 47.5 | 122.2 | 13948.4 | 150.0 | -59.5 | -49.9 | 262.5 | 16.3 | 16.3 | 2.2 | 310.1 | 316.4 | 2.0 | 47.0 | 5.9 | 74 |
| 51.3 | 128.7 | 15092.5 | 125.0 | -58.6 | -51.9 | 258.0 | 16.3 | 16.3 | 2.2 | 310.1 | 316.4 | 2.0 | 47.0 | 5.9 | 74 |
| 56.1 | 136.0 | 16476.0 | 100.0 | -62.9 | -53.9 | 248.0 | 16.3 | 16.3 | 2.2 | 310.1 | 316.4 | 2.0 | 47.0 | 5.9 | 74 |
| 61.5 | 144.0 | 18218.6 | 75.0 | -68.4 | -55.9 | 240.6 | 16.3 | 16.3 | 2.2 | 310.1 | 316.4 | 2.0 | 47.0 | 5.9 | 74 |
| 68.8 | 153.0 | 20684.9 | 50.0 | -60.9 | -57.9 | 209.4 | 16.3 | 16.3 | 2.2 | 310.1 | 316.4 | 2.0 | 47.0 | 5.9 | 74 |
| 80.2 | 162.3 | 25114.1 | 25.0 | -51.8 | -59.9 | 146.3 | 16.3 | 16.3 | 2.2 | 310.1 | 316.4 | 2.0 | 47.0 | 5.9 | 74 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
 ** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

| STATION NO. 261 DEL RIO, TEXAS | | | | | | | | | | | | | | 161 15. 0 | |
|-----------------------------------|-------|---------|--------|-------|--------|-------|-------|--------|--------|-------|---------|--------|------|-----------|------|
| 24 APRIL 1982 | | | | | | | | | | | | | | | |
| 2015 GMT | | | | | | | | | | | | | | | |
| TIME | CNTCT | HEIGHT | PRES | TEMP | DEW PT | AIR | SPEED | U COMP | V COMP | POT T | E POT T | MX RTO | RH | RANGE | AZ |
| MIN | | GPM | MB | DG C | DG C | DG | M/SEC | M/SEC | M/SEC | DG K | DG K | CM/KG | PCT | MM | DG |
| 0.0 | 9.2 | 314.0 | 979.0 | 16.9 | 10.5 | 110.0 | 2.6 | -2.4 | 0.9 | 291.8 | 313.3 | 8.2 | 66.0 | 0.0 | 0 |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.2 | 9.7 | 348.9 | 975.0 | 15.6 | 9.9 | 99.9 | 99.9 | 99.9 | 99.9 | 290.8 | 311.5 | 7.9 | 68.9 | 99.9 | 99.9 |
| 1.0 | 12.3 | 568.5 | 950.0 | 13.1 | 10.5 | 99.9 | 99.9 | 99.9 | 99.9 | 290.5 | 312.5 | 8.4 | 83.9 | 99.9 | 99.9 |
| 1.7 | 15.0 | 792.4 | 925.0 | 10.9 | 8.8 | 99.9 | 99.9 | 99.9 | 99.9 | 290.5 | 312.1 | 8.3 | 92.9 | 99.9 | 99.9 |
| 2.4 | 17.7 | 1020.8 | 900.0 | 9.1 | 8.8 | 184.3 | 3.5 | 0.3 | 3.5 | 290.5 | 311.8 | 8.0 | 97.9 | 0.5 | 322. |
| 3.0 | 20.4 | 1255.1 | 875.0 | 11.2 | 6.5 | 246.1 | 3.3 | 0.3 | 1.4 | 295.4 | 314.3 | 7.0 | 73.2 | 0.6 | 331. |
| 3.8 | 23.2 | 1499.0 | 850.0 | 13.7 | 7.0 | 284.6 | 6.5 | 6.3 | -1.6 | 300.5 | 320.9 | 7.4 | 64.1 | 0.5 | 349 |
| 4.6 | 26.0 | 1750.0 | 825.0 | 11.9 | 5.5 | 291.9 | 9.0 | 8.4 | -3.4 | 301.2 | 320.2 | 6.9 | 64.8 | 0.5 | 37 |
| 5.4 | 28.8 | 2007.5 | 800.0 | 12.0 | -9.4 | 296.6 | 10.7 | 9.6 | -4.8 | 303.9 | 311.5 | 2.6 | 24.0 | 0.7 | 77 |
| 6.2 | 31.6 | 2272.6 | 775.0 | 10.8 | -13.5 | 292.4 | 12.7 | 11.7 | -4.8 | 305.5 | 310.8 | 1.7 | 16.7 | 1.2 | 93 |
| 7.0 | 34.4 | 2544.9 | 750.0 | 9.2 | -12.0 | 280.9 | 12.7 | 12.5 | -2.4 | 307.2 | 312.8 | 2.0 | 21.0 | 1.9 | 98 |
| 7.9 | 37.4 | 2824.7 | 725.0 | 7.1 | -6.0 | 270.2 | 12.0 | 12.0 | -0.1 | 307.2 | 317.2 | 3.4 | 38.8 | 2.5 | 98 |
| 8.8 | 40.3 | 3112.1 | 700.0 | 4.9 | -10.8 | 264.2 | 11.9 | 11.8 | 0.1 | 307.2 | 315.2 | 2.4 | 31.1 | 3.1 | 95 |
| 9.8 | 43.3 | 3407.3 | 675.0 | 2.1 | -10.5 | 261.5 | 12.0 | 11.8 | 1.8 | 308.0 | 315.7 | 2.5 | 38.5 | 3.8 | 93 |
| 10.7 | 46.3 | 3710.4 | 650.0 | -0.6 | -12.9 | 257.1 | 13.6 | 13.2 | 3.0 | 308.3 | 314.9 | 2.2 | 38.9 | 4.6 | 91 |
| 11.7 | 49.3 | 4022.5 | 625.0 | -3.2 | -17.3 | 248.7 | 14.0 | 13.0 | 5.1 | 310.0 | 313.8 | 1.6 | 33.3 | 5.3 | 88 |
| 12.8 | 52.4 | 4344.3 | 600.0 | -5.3 | -26.9 | 247.7 | 14.7 | 13.6 | 5.6 | 312.3 | 312.3 | 0.7 | 16.4 | 6.2 | 85 |
| 13.8 | 55.5 | 4677.2 | 575.0 | -7.0 | -29.9 | 251.6 | 15.5 | 14.7 | 4.9 | 311.8 | 313.6 | 0.5 | 14.0 | 7.1 | 82 |
| 14.9 | 58.6 | 5022.6 | 550.0 | -8.9 | -31.5 | 260.2 | 16.7 | 16.4 | 2.8 | 313.5 | 315.2 | 0.5 | 14.0 | 8.1 | 82 |
| 16.1 | 61.9 | 5361.4 | 525.0 | -11.0 | -33.0 | 267.4 | 19.5 | 19.5 | 0.9 | 315.2 | 316.8 | 0.4 | 14.2 | 9.5 | 82 |
| 17.4 | 65.3 | 5754.6 | 500.0 | -13.2 | -34.7 | 271.3 | 21.8 | 21.8 | -0.5 | 317.0 | 318.3 | 0.4 | 14.4 | 11.0 | 83 |
| 18.7 | 68.6 | 6143.4 | 475.0 | -15.7 | -36.7 | 272.7 | 24.0 | 24.0 | -1.1 | 318.5 | 319.7 | 0.3 | 14.5 | 12.8 | 85 |
| 20.1 | 72.0 | 6549.1 | 450.0 | -18.3 | -37.7 | 269.0 | 26.1 | 26.1 | 0.5 | 320.2 | 321.4 | 0.3 | 16.2 | 14.8 | 86 |
| 21.5 | 75.6 | 6973.5 | 425.0 | -21.3 | -40.2 | 266.3 | 28.0 | 27.9 | 1.8 | 321.6 | 323.8 | 0.3 | 16.3 | 17.2 | 86 |
| 23.0 | 79.2 | 7417.7 | 400.0 | -24.6 | -42.9 | 263.1 | 30.6 | 30.5 | 2.0 | 323.0 | 323.8 | 0.2 | 16.3 | 19.6 | 86 |
| 24.6 | 83.0 | 7884.9 | 375.0 | -27.4 | -45.7 | 263.1 | 36.3 | 36.0 | 4.4 | 325.4 | 326.0 | 0.2 | 15.8 | 22.9 | 86 |
| 26.2 | 86.8 | 8377.5 | 350.0 | -31.3 | -48.8 | 259.7 | 41.0 | 40.3 | 7.3 | 328.5 | 327.0 | 0.1 | 15.8 | 26.7 | 85 |
| 28.0 | 90.8 | 8897.9 | 325.0 | -35.4 | -52.0 | 258.0 | 43.0 | 42.1 | 8.9 | 328.8 | 328.2 | 0.1 | 16.3 | 31.1 | 84 |
| 29.8 | 95.0 | 9449.9 | 300.0 | -39.4 | -59.9 | 260.5 | 46.3 | 45.7 | 7.6 | 329.9 | 329.9 | 99.9 | 99.9 | 35.9 | 83 |
| 31.8 | 99.3 | 10041.3 | 275.0 | -42.7 | -69.9 | 262.4 | 46.3 | 45.6 | 6.1 | 333.4 | 333.4 | 99.9 | 99.9 | 41.6 | 83 |
| 33.8 | 103.8 | 10678.1 | 250.0 | -47.3 | -79.9 | 265.0 | 46.3 | 46.1 | 4.0 | 335.7 | 335.7 | 99.9 | 99.9 | 47.1 | 83 |
| 36.0 | 108.6 | 11366.6 | 225.0 | -52.2 | -89.9 | 264.6 | 45.1 | 44.9 | 4.3 | 338.6 | 338.6 | 99.9 | 99.9 | 53.4 | 84 |
| 38.5 | 113.7 | 12120.2 | 200.0 | -56.9 | -99.9 | 261.5 | 45.9 | 45.4 | 6.8 | 342.6 | 342.6 | 99.9 | 99.9 | 60.0 | 83 |
| 41.1 | 119.2 | 12962.5 | 175.0 | -58.2 | -99.9 | 257.2 | 39.7 | 38.7 | 8.8 | 353.8 | 353.8 | 99.9 | 99.9 | 66.7 | 82 |
| 44.3 | 125.0 | 13935.0 | 150.0 | -56.6 | -99.9 | 246.9 | 30.1 | 27.7 | 11.8 | 372.6 | 372.6 | 99.9 | 99.9 | 73.2 | 82 |
| 48.1 | 131.5 | 15093.5 | 125.0 | -56.7 | -99.9 | 246.9 | 29.9 | 28.1 | 10.3 | 392.4 | 392.4 | 99.9 | 99.9 | 79.4 | 81 |
| 52.3 | 138.7 | 16478.9 | 100.0 | -61.9 | -99.9 | 258.6 | 25.4 | 24.9 | 5.0 | 408.1 | 408.1 | 99.9 | 99.9 | 86.7 | 80 |
| 57.8 | 146.7 | 18241.4 | 75.0 | -63.3 | -99.9 | 250.4 | 11.1 | 10.4 | 3.7 | 440.2 | 440.2 | 99.9 | 99.9 | 92.7 | 80 |
| 65.4 | 155.7 | 20740.2 | 50.0 | -59.5 | -99.9 | 208.3 | 6.6 | 2.9 | 5.9 | 503.4 | 503.4 | 99.9 | 99.9 | 95.2 | 80 |
| 77.2 | 165.3 | 25206.8 | 25.0 | -49.1 | -99.9 | 258.7 | 7.5 | 7.3 | 1.5 | 644.0 | 644.0 | 99.9 | 99.9 | 94.5 | 80 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE 13
OF POOR QUALITY

| STATION NO. 261 DEL RIO, TEXAS | | | | | | | | | | | | | | 158 8. 0 | | |
|-----------------------------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|--|
| 25 APRIL 1982 215 GMT | | | | | | | | | | | | | | | | |
| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG | |
| 0.0 | 9.2 | 314.0 | 975.6 | 14.6 | 10.6 | 140.0 | 5.2 | -3.3 | 4.0 | 289.8 | 311.3 | 8.3 | 77.0 | 0.0 | 0.0 | |
| 99.9 | 9.3 | 399.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 289.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 | |
| 0.0 | 9.3 | 319.2 | 975.0 | 14.6 | 10.7 | 141.2 | 5.7 | -3.6 | 4.5 | 289.9 | 311.5 | 8.3 | 77.3 | 0.0 | 0.0 | |
| 0.7 | 11.5 | 539.3 | 950.0 | 13.7 | 11.6 | 156.0 | 12.0 | -4.9 | 10.9 | 291.1 | 314.8 | 9.1 | 86.8 | 0.4 | 328.0 | |
| 1.4 | 13.7 | 763.8 | 925.0 | 11.7 | 10.9 | 157.7 | 9.7 | -3.7 | 9.0 | 291.3 | 314.6 | 8.9 | 94.4 | 0.9 | 331.0 | |
| 2.3 | 15.9 | 993.4 | 900.0 | 11.7 | 10.5 | 172.5 | 6.3 | -0.8 | 6.3 | 293.5 | 317.1 | 8.9 | 92.7 | 1.3 | 335.0 | |
| 3.0 | 18.2 | 1232.1 | 875.0 | 16.5 | 8.3 | 225.8 | 4.6 | 3.3 | 3.2 | 300.9 | 319.9 | 6.9 | 50.9 | 1.4 | 340.0 | |
| 3.8 | 20.5 | 1478.8 | 850.0 | 16.3 | 2.3 | 275.4 | 6.0 | 6.0 | -0.6 | 303.2 | 318.4 | 5.3 | 39.1 | 1.4 | 349.0 | |
| 4.7 | 22.9 | 1732.2 | 825.0 | 15.2 | -0.4 | 276.1 | 7.4 | 7.3 | -0.8 | 304.7 | 317.7 | 4.5 | 34.4 | 1.3 | 349.0 | |
| 5.4 | 25.3 | 1991.8 | 800.0 | 12.9 | -1.9 | 276.0 | 8.7 | 8.6 | -0.9 | 304.9 | 316.9 | 4.2 | 35.6 | 1.4 | 349.0 | |
| 6.2 | 27.8 | 2257.5 | 775.0 | 10.9 | -3.3 | 272.2 | 10.9 | 10.9 | -0.4 | 306.1 | 316.9 | 3.9 | 38.7 | 1.5 | 349.0 | |
| 7.1 | 30.3 | 2530.0 | 750.0 | 8.7 | -3.8 | 267.5 | 12.4 | 12.4 | 0.5 | 306.4 | 316.2 | 3.8 | 40.8 | 2.0 | 51.0 | |
| 8.1 | 32.9 | 2809.2 | 725.0 | 6.3 | -6.3 | 268.8 | 14.7 | 14.7 | 0.8 | 307.4 | 313.7 | 3.3 | 39.9 | 2.6 | 61.0 | |
| 9.0 | 35.8 | 3096.0 | 700.0 | 4.4 | -14.4 | 264.8 | 18.5 | 18.4 | 1.7 | 308.4 | 313.1 | 1.9 | 24.7 | 3.5 | 67.0 | |
| 10.0 | 38.2 | 3390.9 | 675.0 | 2.5 | -15.5 | 269.5 | 20.1 | 20.0 | 1.8 | 309.1 | 313.7 | 1.7 | 25.3 | 4.6 | 71.0 | |
| 10.9 | 41.0 | 3694.3 | 650.0 | 0.1 | -22.7 | 273.2 | 19.6 | 19.6 | 0.2 | 309.4 | 312.1 | 0.9 | 25.9 | 5.7 | 74.0 | |
| 12.1 | 43.9 | 4008.9 | 625.0 | -2.6 | -24.9 | 279.3 | 18.7 | 18.5 | -2.7 | 309.6 | 312.0 | 0.8 | 16.0 | 6.9 | 78.0 | |
| 13.0 | 46.8 | 4328.8 | 600.0 | -5.8 | -27.1 | 283.2 | 16.2 | 15.8 | -3.7 | 309.6 | 311.9 | 0.7 | 16.3 | 7.8 | 81.0 | |
| 14.1 | 49.8 | 4660.7 | 575.0 | -8.2 | -29.3 | 287.5 | 17.7 | 17.4 | -3.3 | 310.4 | 312.3 | 0.6 | 16.3 | 8.8 | 82.0 | |
| 15.3 | 52.9 | 5008.6 | 550.0 | -9.9 | -30.9 | 276.7 | 19.3 | 19.2 | -1.8 | 312.4 | 314.1 | 0.5 | 16.0 | 9.9 | 83.0 | |
| 16.5 | 56.0 | 5362.0 | 525.0 | -11.9 | -32.7 | 276.7 | 17.8 | 17.7 | -2.3 | 314.1 | 315.7 | 0.5 | 15.8 | 11.3 | 86.0 | |
| 17.8 | 59.3 | 5733.9 | 500.0 | -14.3 | -34.2 | 277.0 | 21.4 | 21.2 | -2.6 | 315.6 | 317.1 | 0.5 | 16.6 | 12.8 | 88.0 | |
| 19.2 | 62.7 | 6121.5 | 475.0 | -16.5 | -31.2 | 272.1 | 22.3 | 22.3 | -0.8 | 317.5 | 319.6 | 0.6 | 27.3 | 14.8 | 89.0 | |
| 20.6 | 66.3 | 6524.9 | 450.0 | -20.5 | -38.6 | 271.9 | 24.0 | 24.0 | -0.8 | 317.5 | 319.8 | 0.7 | 41.4 | 16.6 | 89.0 | |
| 22.0 | 69.8 | 6945.9 | 425.0 | -22.7 | -42.5 | 272.5 | 27.8 | 27.5 | -1.2 | 319.9 | 321.1 | 0.3 | 22.0 | 18.7 | 89.0 | |
| 23.5 | 73.7 | 7387.8 | 400.0 | -26.3 | -45.3 | 272.4 | 29.8 | 29.8 | -1.2 | 320.8 | 321.6 | 0.2 | 21.8 | 21.3 | 90.0 | |
| 25.0 | 77.8 | 7852.5 | 375.0 | -30.4 | -48.7 | 272.1 | 32.7 | 32.6 | -1.2 | 321.3 | 322.0 | 0.2 | 21.5 | 22.2 | 90.0 | |
| 26.6 | 81.8 | 8337.8 | 350.0 | -36.3 | -51.8 | 270.3 | 37.0 | 37.0 | -0.2 | 323.5 | 324.0 | 0.1 | 21.5 | 23.2 | 90.0 | |
| 28.4 | 85.2 | 8855.5 | 325.0 | -37.3 | -54.7 | 264.8 | 38.5 | 38.4 | 3.5 | 325.3 | 325.7 | 0.1 | 20.0 | 24.5 | 90.0 | |
| 30.2 | 90.8 | 9408.1 | 300.0 | -40.8 | -59.9 | 259.5 | 41.7 | 41.2 | 6.4 | 327.8 | 325.9 | 99.9 | 999.9 | 35.8 | 89.0 | |
| 32.0 | 95.4 | 9988.6 | 275.0 | -45.1 | -59.9 | 259.5 | 42.4 | 41.7 | 7.7 | 329.9 | 325.9 | 99.9 | 999.9 | 40.3 | 88.0 | |
| 34.3 | 100.4 | 10619.6 | 250.0 | -49.0 | -59.9 | 254.6 | 42.7 | 42.2 | 6.6 | 333.2 | 325.9 | 99.9 | 999.9 | 46.1 | 87.0 | |
| 36.6 | 105.5 | 12055.9 | 225.0 | -53.6 | -59.9 | 254.6 | 42.5 | 41.0 | 11.3 | 336.4 | 325.9 | 99.9 | 999.9 | 52.0 | 86.0 | |
| 39.0 | 111.2 | 12901.6 | 200.0 | -57.0 | -59.9 | 249.8 | 45.7 | 42.9 | 15.8 | 342.5 | 325.9 | 99.9 | 999.9 | 58.0 | 84.0 | |
| 41.6 | 117.2 | 13889.9 | 175.0 | -57.7 | -59.9 | 260.5 | 40.6 | 40.1 | 6.7 | 354.8 | 325.9 | 99.9 | 999.9 | 64.8 | 83.0 | |
| 44.6 | 123.5 | 15023.0 | 150.0 | -59.5 | -59.9 | 260.4 | 34.7 | 34.2 | 5.8 | 367.6 | 325.9 | 99.9 | 999.9 | 71.8 | 83.0 | |
| 48.4 | 130.2 | 16409.1 | 125.0 | -56.5 | -59.9 | 253.4 | 27.0 | 25.9 | 7.7 | 392.7 | 325.9 | 99.9 | 999.9 | 78.8 | 83.0 | |
| 52.5 | 137.3 | 18409.1 | 100.0 | -63.2 | -59.9 | 262.2 | 24.1 | 23.9 | 3.3 | 405.7 | 325.9 | 99.9 | 999.9 | 84.9 | 82.0 | |
| 57.5 | 145.0 | 18163.0 | 75.0 | -63.2 | -59.9 | 999.9 | 99.9 | 99.9 | 99.9 | 436.9 | 999.9 | 99.9 | 999.9 | 90.1 | 82.0 | |
| 63.8 | 152.7 | 20633.3 | 50.0 | -62.8 | -59.9 | 99.9 | 99.9 | 99.9 | 99.9 | 495.5 | 999.9 | 99.9 | 999.9 | 99.9 | 99.9 | |
| 76.0 | 160.7 | 25059.8 | 25.0 | -60.5 | -59.9 | 321.7 | 7.3 | 4.5 | -5.8 | 539.9 | 999.9 | 99.9 | 999.9 | 91.3 | 82.0 | |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 ** BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 *** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
 **** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 261
DEL RIO, TEXAS
25 APRIL 1962
515 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTQ CM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 9.1 | 314.0 | 976.2 | 13.6 | 11.1 | 130.0 | 7.2 | 5.5 | 4.6 | 288.7 | 310.9 | 8.6 | 95.0 | 0.0 | 0 |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999 |
| 0.0 | 9.2 | 324.4 | 975.0 | 13.6 | 11.1 | 131.8 | 7.6 | 5.7 | 5.1 | 288.8 | 310.9 | 8.6 | 95.0 | 0.0 | 355 |
| 0.0 | 11.5 | 543.9 | 950.0 | 13.4 | 12.1 | 147.1 | 11.3 | -6.1 | 9.5 | 290.8 | 315.3 | 9.4 | 91.8 | 0.5 | 322 |
| 1.5 | 13.8 | 768.2 | 925.0 | 11.8 | 11.1 | 162.7 | 10.7 | -3.2 | 10.2 | 296.4 | 315.0 | 9.0 | 95.7 | 1.0 | 325 |
| 2.4 | 16.2 | 998.7 | 900.0 | 14.2 | 11.7 | 193.5 | 9.7 | 2.3 | 9.4 | 296.2 | 321.9 | 9.7 | 85.2 | 1.4 | 338 |
| 3.4 | 18.5 | 1237.9 | 875.0 | 16.3 | 6.7 | 195.4 | 8.8 | 2.3 | 8.5 | 300.7 | 320.2 | 7.1 | 85.2 | 2.0 | 348 |
| 4.5 | 20.9 | 1485.2 | 850.0 | 17.8 | -2.7 | 236.5 | 7.1 | 5.9 | 3.9 | 304.8 | 315.6 | 3.7 | 25.0 | 2.3 | 356 |
| 5.3 | 23.4 | 1739.6 | 825.0 | 16.0 | -4.2 | 260.6 | 8.3 | 5.9 | 3.9 | 305.5 | 315.5 | 3.4 | 24.7 | 2.5 | 16 |
| 6.2 | 25.8 | 1999.6 | 800.0 | 13.6 | -4.2 | 282.2 | 9.6 | 9.4 | -2.0 | 305.6 | 315.9 | 3.2 | 28.7 | 2.5 | 29 |
| 7.1 | 28.4 | 2265.6 | 775.0 | 11.2 | -5.8 | 288.0 | 10.8 | 10.2 | -3.3 | 305.8 | 315.3 | 2.6 | 29.9 | 2.5 | 29 |
| 8.1 | 31.0 | 2537.9 | 750.0 | 6.7 | -9.1 | 287.3 | 12.8 | 12.2 | -3.8 | 306.1 | 313.7 | 2.6 | 27.3 | 2.7 | 43 |
| 8.9 | 33.6 | 2817.7 | 725.0 | 7.4 | -15.9 | 284.9 | 14.8 | 14.3 | -3.8 | 307.6 | 312.3 | 1.5 | 17.1 | 3.1 | 54 |
| 10.0 | 36.3 | 3105.2 | 700.0 | 5.1 | -18.7 | 284.7 | 16.6 | 16.1 | -4.2 | 308.2 | 312.1 | 1.2 | 15.9 | 3.8 | 66 |
| 11.0 | 39.0 | 3400.5 | 675.0 | 2.8 | -20.7 | 284.2 | 18.5 | 17.9 | -4.5 | 308.8 | 312.3 | 1.1 | 15.6 | 4.7 | 74 |
| 12.1 | 41.9 | 3704.5 | 650.0 | 0.2 | -20.4 | 280.6 | 19.1 | 18.8 | -3.5 | 309.2 | 312.9 | 1.2 | 15.3 | 5.9 | 80 |
| 13.1 | 44.8 | 4017.3 | 625.0 | -2.8 | -13.6 | 277.1 | 19.2 | 19.0 | -2.4 | 309.3 | 315.8 | 2.1 | 14.3 | 7.0 | 83 |
| 14.3 | 47.7 | 4339.3 | 600.0 | -5.5 | -16.2 | 276.7 | 20.4 | 20.3 | -2.4 | 309.7 | 315.3 | 1.8 | 12.6 | 8.2 | 85 |
| 15.4 | 50.8 | 4671.7 | 575.0 | -7.9 | -22.7 | 277.1 | 22.1 | 22.9 | -2.9 | 310.8 | 314.2 | 1.1 | 11.1 | 9.7 | 87 |
| 16.6 | 53.8 | 5015.2 | 550.0 | -11.0 | -25.0 | 278.3 | 23.0 | 24.7 | -3.6 | 311.1 | 314.0 | 0.9 | 10.3 | 11.4 | 89 |
| 17.7 | 57.0 | 5370.5 | 525.0 | -13.3 | -34.8 | 279.4 | 23.4 | 24.7 | -3.6 | 312.4 | 313.7 | 0.4 | 14.7 | 13.0 | 90 |
| 19.0 | 60.4 | 5741.2 | 500.0 | -14.9 | -35.9 | 275.8 | 22.5 | 22.4 | -2.3 | 314.9 | 316.1 | 0.4 | 14.7 | 14.9 | 91 |
| 20.3 | 63.7 | 6127.9 | 475.0 | -17.4 | -33.5 | 275.6 | 22.5 | 25.1 | -2.5 | 316.4 | 318.1 | 0.5 | 23.1 | 16.6 | 92 |
| 21.6 | 67.3 | 6530.1 | 450.0 | -20.9 | -32.9 | 277.7 | 25.1 | 24.8 | -3.4 | 317.0 | 318.8 | 0.5 | 23.0 | 18.7 | 92 |
| 23.2 | 71.0 | 6949.5 | 425.0 | -24.2 | -38.6 | 275.5 | 24.0 | 23.8 | -2.3 | 318.0 | 319.1 | 0.2 | 24.9 | 20.9 | 93 |
| 24.7 | 74.7 | 7389.5 | 400.0 | -26.5 | -47.2 | 273.8 | 27.3 | 27.2 | -1.8 | 320.6 | 321.2 | 0.2 | 16.9 | 23.1 | 93 |
| 26.4 | 78.7 | 7851.7 | 375.0 | -30.6 | -47.7 | 275.5 | 31.6 | 31.4 | -3.0 | 321.1 | 321.5 | 0.1 | 16.8 | 26.2 | 93 |
| 28.0 | 82.8 | 8338.9 | 350.0 | -33.7 | -50.3 | 273.4 | 32.7 | 32.7 | -1.9 | 323.3 | 323.7 | 0.1 | 16.7 | 29.4 | 93 |
| 29.9 | 87.2 | 8853.6 | 325.0 | -38.3 | -54.1 | 270.0 | 32.8 | 32.7 | -0.0 | 323.8 | 324.2 | 0.1 | 16.9 | 33.0 | 92 |
| 31.9 | 91.7 | 9399.4 | 300.0 | -42.4 | -58.9 | 267.4 | 32.9 | 32.8 | -1.5 | 325.6 | 324.2 | 0.1 | 16.9 | 37.0 | 92 |
| 33.9 | 96.4 | 9982.3 | 275.0 | -46.5 | -66.9 | 264.6 | 35.1 | 34.9 | 3.3 | 327.9 | 324.2 | 0.1 | 16.9 | 41.1 | 92 |
| 36.1 | 101.4 | 10609.2 | 250.0 | -50.2 | -69.9 | 262.2 | 38.3 | 37.9 | 5.2 | 331.4 | 324.2 | 0.1 | 16.9 | 45.9 | 91 |
| 38.6 | 106.8 | 11291.1 | 225.0 | -53.6 | -69.9 | 255.4 | 39.7 | 38.4 | 10.0 | 336.3 | 324.2 | 0.1 | 16.9 | 51.5 | 90 |
| 41.2 | 112.2 | 12047.3 | 200.0 | -55.4 | -69.9 | 248.4 | 42.4 | 39.4 | 15.6 | 345.1 | 324.2 | 0.1 | 16.9 | 57.7 | 88 |
| 44.1 | 118.2 | 12889.0 | 175.0 | -58.0 | -69.9 | 254.4 | 41.6 | 40.0 | 11.2 | 354.3 | 324.2 | 0.1 | 16.9 | 64.6 | 85 |
| 47.6 | 124.7 | 13861.2 | 150.0 | -58.0 | -69.9 | 258.6 | 34.7 | 34.0 | 6.9 | 370.2 | 324.2 | 0.1 | 16.9 | 72.4 | 85 |
| 51.6 | 131.3 | 15015.7 | 125.0 | -57.6 | -69.9 | 268.2 | 30.1 | 30.1 | 1.0 | 390.5 | 324.2 | 0.1 | 16.9 | 80.1 | 85 |
| 56.0 | 138.7 | 16412.8 | 100.0 | -62.1 | -69.9 | 255.1 | 20.6 | 20.0 | 5.3 | 407.7 | 324.2 | 0.1 | 16.9 | 86.9 | 85 |
| 62.2 | 146.3 | 18169.0 | 75.0 | -65.8 | -69.9 | 255.4 | 9.6 | 9.3 | 2.4 | 435.0 | 324.2 | 0.1 | 16.9 | 92.5 | 84 |
| 70.2 | 154.3 | 20641.8 | 50.0 | -61.1 | -69.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999 |
| 99.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 285
MIDLAND, TEXAS
24 APRIL 1982
1400 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 15.3 | 873.0 | 915.3 | 8.9 | 7.2 | 150.0 | 4.1 | -2.1 | 3.6 | 289.3 | 307.6 | 7.0 | 89.0 | 0.0 | 0 |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999 |
| 99.9 | 99.9 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999 |
| 99.9 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999 |
| 0.6 | 16.9 | 1012.1 | 900.0 | 6.5 | 5.3 | 999.9 | 99.9 | 99.9 | 99.9 | 288.2 | 305.1 | 6.5 | 95.7 | 999.9 | 999 |
| 1.3 | 19.5 | 1244.5 | 875.0 | 9.3 | 5.3 | 999.9 | 99.9 | 99.9 | 99.9 | 288.2 | 305.1 | 6.5 | 95.7 | 999.9 | 999 |
| 2.2 | 22.1 | 1486.9 | 850.0 | 12.5 | -0.1 | 999.9 | 99.9 | 99.9 | 99.9 | 288.2 | 305.1 | 6.5 | 95.7 | 999.9 | 999 |
| 3.1 | 24.8 | 1736.9 | 825.0 | 11.2 | -1.4 | 999.9 | 99.9 | 99.9 | 99.9 | 288.2 | 305.1 | 6.5 | 95.7 | 999.9 | 999 |
| 4.0 | 27.4 | 1992.8 | 800.0 | 9.1 | -1.9 | 275.8 | 11.3 | 11.3 | -0.9 | 299.3 | 311.9 | 4.5 | 41.5 | 0.8 | 16 |
| 4.9 | 30.1 | 2254.8 | 775.0 | 6.8 | -3.8 | 272.3 | 13.3 | 13.3 | -1.2 | 300.9 | 312.4 | 4.2 | 41.5 | 1.0 | 42 |
| 5.9 | 32.9 | 2523.4 | 750.0 | 4.7 | -3.2 | 268.1 | 13.2 | 13.2 | -0.5 | 301.7 | 311.8 | 3.7 | 46.6 | 2.1 | 71 |
| 6.9 | 35.6 | 2799.0 | 725.0 | 2.5 | -2.3 | 264.0 | 14.6 | 14.5 | 0.4 | 302.2 | 316.7 | 4.7 | 46.6 | 2.8 | 76 |
| 7.9 | 38.3 | 3082.1 | 700.0 | 0.5 | -2.3 | 260.3 | 15.6 | 15.4 | 1.5 | 303.0 | 316.7 | 5.2 | 81.8 | 3.6 | 78 |
| 9.0 | 41.2 | 3373.8 | 675.0 | -0.1 | -5.8 | 250.8 | 17.3 | 15.4 | 2.6 | 303.0 | 316.7 | 4.6 | 81.8 | 4.5 | 79 |
| 10.1 | 44.0 | 3674.8 | 650.0 | -2.6 | -10.4 | 244.4 | 18.3 | 16.5 | 5.7 | 305.5 | 318.3 | 3.7 | 55.3 | 5.8 | 79 |
| 11.3 | 46.9 | 3984.5 | 625.0 | -5.4 | -12.8 | 242.1 | 18.3 | 16.5 | 7.9 | 308.0 | 318.3 | 2.7 | 55.3 | 6.7 | 77 |
| 12.4 | 49.8 | 4303.2 | 600.0 | -8.7 | -15.3 | 244.2 | 18.3 | 16.2 | 8.5 | 308.0 | 318.3 | 2.3 | 58.7 | 8.0 | 74 |
| 13.6 | 52.6 | 4632.2 | 575.0 | -10.4 | -19.0 | 253.7 | 20.6 | 16.7 | 8.1 | 306.1 | 313.1 | 1.9 | 58.7 | 9.2 | 72 |
| 14.9 | 55.8 | 4972.6 | 550.0 | -13.2 | -23.0 | 256.6 | 19.8 | 19.5 | 5.7 | 307.8 | 309.8 | 0.6 | 19.9 | 10.6 | 73 |
| 16.3 | 58.9 | 5324.9 | 525.0 | -15.9 | -31.8 | 256.9 | 21.2 | 19.2 | 4.9 | 308.5 | 310.7 | 0.4 | 20.7 | 12.2 | 73 |
| 17.6 | 62.0 | 5692.8 | 500.0 | -18.1 | -35.9 | 260.5 | 20.2 | 19.9 | 3.3 | 314.7 | 315.6 | 0.3 | 11.0 | 13.9 | 74 |
| 19.0 | 65.3 | 6078.9 | 475.0 | -25.6 | -37.2 | 255.6 | 23.4 | 22.8 | 5.5 | 315.6 | 315.6 | 0.4 | 19.9 | 15.5 | 74 |
| 20.3 | 68.5 | 6475.6 | 450.0 | -28.6 | -43.1 | 250.1 | 23.1 | 22.3 | 5.7 | 311.0 | 312.2 | 0.3 | 32.7 | 17.3 | 74 |
| 21.7 | 72.0 | 6888.6 | 425.0 | -38.7 | -45.0 | 250.1 | 24.0 | 22.6 | 5.7 | 311.0 | 312.2 | 0.3 | 32.7 | 19.2 | 75 |
| 23.3 | 75.4 | 7324.9 | 400.0 | -48.7 | -48.0 | 251.2 | 24.0 | 22.6 | 8.2 | 314.9 | 315.6 | 0.2 | 19.1 | 21.0 | 74 |
| 24.7 | 79.0 | 7783.3 | 375.0 | -58.1 | -51.1 | 254.7 | 29.3 | 28.2 | 7.7 | 317.7 | 318.3 | 0.2 | 18.9 | 23.5 | 74 |
| 26.4 | 82.7 | 8268.3 | 350.0 | -68.1 | -54.2 | 258.3 | 29.1 | 28.5 | 5.9 | 318.7 | 319.1 | 0.1 | 19.4 | 26.1 | 74 |
| 28.1 | 86.5 | 8777.1 | 325.0 | -79.6 | -54.2 | 258.6 | 31.5 | 30.9 | 6.2 | 322.2 | 322.4 | 0.1 | 19.4 | 28.9 | 74 |
| 30.1 | 90.5 | 9321.0 | 300.0 | -87.1 | -59.9 | 257.7 | 33.4 | 32.6 | 7.1 | 325.3 | 325.3 | 99.9 | 99.9 | 32.0 | 75 |
| 32.4 | 94.8 | 9902.9 | 275.0 | -97.1 | -62.4 | 262.0 | 32.6 | 32.3 | 4.5 | 327.1 | 327.1 | 99.9 | 99.9 | 35.9 | 75 |
| 34.6 | 99.2 | 10529.1 | 250.0 | -101.9 | -66.3 | 266.3 | 33.6 | 32.3 | 4.4 | 330.5 | 330.5 | 99.9 | 99.9 | 40.3 | 75 |
| 37.0 | 108.8 | 11213.8 | 225.0 | -112.7 | -68.9 | 267.7 | 33.7 | 32.3 | 4.4 | 330.5 | 330.5 | 99.9 | 99.9 | 44.4 | 76 |
| 39.7 | 114.0 | 11976.9 | 200.0 | -124.0 | -68.9 | 267.7 | 33.7 | 32.3 | 4.4 | 330.5 | 330.5 | 99.9 | 99.9 | 50.1 | 77 |
| 42.7 | 119.7 | 12846.1 | 175.0 | -131.5 | -68.9 | 267.7 | 33.7 | 32.3 | 4.4 | 330.5 | 330.5 | 99.9 | 99.9 | 56.3 | 78 |
| 46.1 | 126.2 | 13840.6 | 150.0 | -140.0 | -68.9 | 267.7 | 33.7 | 32.3 | 4.4 | 330.5 | 330.5 | 99.9 | 99.9 | 62.0 | 79 |
| 50.4 | 133.5 | 15007.6 | 125.0 | -154.0 | -68.9 | 267.7 | 33.7 | 32.3 | 4.4 | 330.5 | 330.5 | 99.9 | 99.9 | 66.3 | 79 |
| 55.1 | 141.7 | 16416.1 | 100.0 | -159.8 | -68.9 | 267.7 | 33.7 | 32.3 | 4.4 | 330.5 | 330.5 | 99.9 | 99.9 | 71.8 | 78 |
| 61.0 | 141.7 | 18202.3 | 75.0 | -162.4 | -68.9 | 267.7 | 33.7 | 32.3 | 4.4 | 330.5 | 330.5 | 99.9 | 99.9 | 81.9 | 78 |
| 69.3 | 151.3 | 20731.1 | 50.0 | -157.8 | -68.9 | 267.7 | 33.7 | 32.3 | 4.4 | 330.5 | 330.5 | 99.9 | 99.9 | 82.7 | 73 |
| 81.6 | 161.3 | 25188.0 | 25.0 | -51.5 | -68.9 | 267.7 | 33.7 | 32.3 | 4.4 | 330.5 | 330.5 | 99.9 | 99.9 | 81.5 | 78 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 ** BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 *** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
 **** BY TEMP MEANS MISSING DATA STRUTUM EXCEEDS 5 CONTACTS

STATION NO. 265
MIDLAND, TEXAS
24 APRIL 1982
1700 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO CM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 16.0 | 873.0 | 915.7 | 13.3 | 9.4 | 230.0 | 4.1 | 3.1 | 2.6 | 293.8 | 315.3 | 8.1 | 77.0 | 0.0 | 0.0 |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.4 | 17.8 | 1018.1 | 900.0 | 10.9 | 7.3 | 999.9 | 99.9 | 99.9 | 99.9 | 292.7 | 311.8 | 7.2 | 78.6 | 999.9 | 999.9 |
| 1.3 | 20.4 | 1252.4 | 875.0 | 8.3 | 6.5 | 999.9 | 99.9 | 99.9 | 99.9 | 292.4 | 311.0 | 7.0 | 88.5 | 999.9 | 999.9 |
| 2.2 | 23.2 | 1491.8 | 850.0 | 7.7 | 4.6 | 999.9 | 99.9 | 99.9 | 99.9 | 294.3 | 311.2 | 6.3 | 80.9 | 999.9 | 999.9 |
| 3.2 | 25.9 | 1739.3 | 825.0 | 10.0 | 2.4 | 255.2 | 10.1 | 9.8 | 2.5 | 299.2 | 314.6 | 5.5 | 59.0 | 0.9 | 59.0 |
| 4.1 | 28.7 | 1994.9 | 800.0 | 8.9 | -2.4 | 282.7 | 9.4 | 9.3 | 1.2 | 300.7 | 312.1 | 4.0 | 44.7 | 2.0 | 67.0 |
| 5.1 | 31.6 | 2257.2 | 775.0 | 7.7 | -5.4 | 259.3 | 10.1 | 9.9 | 1.2 | 302.1 | 311.7 | 3.3 | 38.9 | 2.5 | 70.0 |
| 5.9 | 34.4 | 2526.6 | 750.0 | 5.9 | -6.0 | 258.8 | 12.2 | 12.0 | 2.4 | 303.0 | 312.5 | 3.2 | 41.8 | 3.1 | 72.0 |
| 6.8 | 37.2 | 2803.2 | 725.0 | 4.0 | -8.0 | 259.3 | 13.5 | 13.3 | 2.5 | 303.9 | 312.4 | 2.9 | 41.2 | 3.7 | 73.0 |
| 7.7 | 40.1 | 3087.1 | 700.0 | 1.5 | -12.7 | 262.3 | 15.8 | 15.7 | 2.1 | 304.2 | 310.3 | 2.1 | 33.7 | 4.6 | 74.0 |
| 8.7 | 43.1 | 3378.7 | 675.0 | -0.9 | -17.3 | 265.2 | 15.7 | 15.7 | 1.3 | 304.6 | 309.1 | 1.4 | 27.4 | 5.5 | 76.0 |
| 9.7 | 46.1 | 3678.5 | 650.0 | -2.9 | -20.7 | 260.3 | 16.2 | 16.0 | 2.7 | 305.7 | 309.3 | 1.1 | 23.7 | 6.5 | 77.0 |
| 10.8 | 49.1 | 3988.5 | 625.0 | -4.6 | -23.1 | 258.9 | 16.9 | 16.7 | 3.0 | 307.2 | 310.2 | 0.8 | 21.9 | 7.5 | 77.0 |
| 12.0 | 52.2 | 4308.5 | 600.0 | -6.8 | -24.8 | 265.2 | 18.7 | 18.7 | 1.2 | 308.3 | 311.0 | 0.8 | 22.1 | 8.8 | 78.0 |
| 13.2 | 55.3 | 4639.7 | 575.0 | -8.6 | -25.6 | 269.3 | 20.6 | 20.6 | 0.2 | 309.9 | 312.6 | 0.6 | 23.6 | 10.2 | 80.0 |
| 14.4 | 58.5 | 4982.9 | 550.0 | -11.2 | -28.5 | 266.7 | 21.9 | 21.9 | 1.3 | 310.8 | 313.0 | 0.7 | 22.2 | 11.7 | 81.0 |
| 15.6 | 61.6 | 5338.0 | 525.0 | -14.2 | -30.2 | 263.1 | 22.0 | 21.8 | 2.6 | 311.3 | 313.3 | 0.6 | 24.3 | 13.4 | 81.0 |
| 16.9 | 65.0 | 5705.7 | 500.0 | -17.4 | -32.9 | 258.5 | 22.2 | 21.4 | 4.4 | 311.8 | 313.4 | 0.5 | 24.4 | 15.0 | 81.0 |
| 18.2 | 68.3 | 6088.0 | 475.0 | -20.5 | -35.9 | 258.6 | 21.9 | 21.4 | 4.3 | 312.7 | 313.9 | 0.4 | 23.4 | 16.7 | 81.0 |
| 19.6 | 71.7 | 6485.6 | 450.0 | -23.7 | -38.9 | 264.3 | 25.6 | 25.5 | 2.5 | 313.4 | 314.4 | 0.3 | 23.1 | 18.7 | 81.0 |
| 21.0 | 75.3 | 6901.2 | 425.0 | -26.0 | -41.0 | 262.0 | 27.6 | 27.5 | 1.9 | 315.7 | 316.5 | 0.2 | 22.9 | 20.9 | 82.0 |
| 22.5 | 78.8 | 7338.2 | 400.0 | -28.2 | -42.8 | 262.0 | 30.8 | 30.5 | 4.3 | 318.3 | 319.1 | 0.2 | 22.0 | 23.6 | 82.0 |
| 24.1 | 82.6 | 7798.2 | 375.0 | -31.5 | -45.5 | 260.0 | 32.7 | 32.2 | 5.7 | 320.0 | 320.6 | 0.2 | 22.3 | 26.6 | 82.0 |
| 25.9 | 86.4 | 8283.3 | 350.0 | -34.7 | -48.3 | 260.3 | 33.2 | 32.7 | 5.6 | 322.0 | 322.5 | 0.1 | 22.3 | 30.1 | 82.0 |
| 27.6 | 90.3 | 8797.0 | 325.0 | -38.3 | -51.9 | 260.9 | 36.3 | 35.8 | 5.7 | 323.9 | 323.9 | 99.9 | 99.9 | 33.6 | 81.0 |
| 29.4 | 94.5 | 9343.6 | 300.0 | -42.1 | -55.9 | 263.3 | 37.9 | 37.6 | 4.5 | 326.1 | 326.1 | 99.9 | 99.9 | 37.6 | 81.0 |
| 31.4 | 98.7 | 9929.0 | 275.0 | -44.9 | -59.9 | 266.4 | 39.3 | 39.3 | 2.5 | 330.2 | 330.2 | 99.9 | 99.9 | 42.2 | 82.0 |
| 33.6 | 103.2 | 10560.6 | 250.0 | -48.4 | -63.9 | 266.9 | 41.2 | 41.1 | 2.2 | 334.1 | 334.1 | 99.9 | 99.9 | 47.5 | 82.0 |
| 36.1 | 107.8 | 11250.0 | 225.0 | -50.5 | -67.9 | 265.1 | 42.1 | 42.0 | 3.6 | 341.1 | 341.1 | 99.9 | 99.9 | 53.9 | 83.0 |
| 38.7 | 112.8 | 12012.6 | 200.0 | -53.9 | -71.9 | 267.8 | 37.0 | 37.0 | 1.4 | 347.5 | 347.5 | 99.9 | 99.9 | 60.5 | 83.0 |
| 41.8 | 118.2 | 12868.2 | 175.0 | -54.2 | -75.9 | 259.2 | 29.6 | 29.1 | 5.5 | 360.5 | 360.5 | 99.9 | 99.9 | 66.3 | 82.0 |
| 45.4 | 124.0 | 13860.5 | 150.0 | -54.2 | -79.9 | 250.9 | 24.9 | 23.6 | 9.2 | 378.2 | 378.2 | 99.9 | 99.9 | 71.3 | 82.0 |
| 49.5 | 130.0 | 15028.9 | 125.0 | -55.7 | -83.9 | 248.3 | 21.5 | 19.9 | 7.9 | 394.1 | 394.1 | 99.9 | 99.9 | 77.6 | 82.0 |
| 54.7 | 137.0 | 16432.7 | 100.0 | -61.3 | -87.9 | 237.2 | 20.1 | 19.8 | 3.7 | 409.3 | 409.3 | 99.9 | 99.9 | 83.0 | 81.0 |
| 60.2 | 144.3 | 18220.6 | 75.0 | -61.4 | -91.9 | 237.2 | 10.9 | 9.1 | 5.9 | 444.3 | 444.3 | 99.9 | 99.9 | 87.5 | 81.0 |
| 68.0 | 152.7 | 20748.7 | 50.0 | -58.6 | -99.9 | 193.7 | 6.4 | 1.5 | 6.2 | 505.4 | 505.4 | 99.9 | 99.9 | 88.3 | 81.0 |
| 79.8 | 161.0 | 25182.0 | 25.0 | -50.5 | -99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 639.5 | 639.5 | 99.9 | 99.9 | 88.0 | 80.0 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 ** BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 *** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
 **** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE 19
OF POOR QUALITY

STATION NO. 265
MIDLAND, TEXAS
24 APRIL 1982
2000 GMT

| TIME MIN | CNTOT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 16.5 | 873.0 | 912.6 | 20.6 | 6.5 | 210.0 | 5.7 | 2.8 | 4.9 | 301.5 | 320.1 | 6.7 | 40.0 | 0.0 | 0. |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.3 | 17.3 | 992.2 | 900.0 | 17.4 | 5.3 | 247.3 | 7.2 | 6.6 | 2.8 | 299.5 | 316.6 | 6.2 | 44.7 | 0.3 | 29. |
| 0.9 | 20.7 | 1232.4 | 875.0 | 15.9 | 5.2 | 242.9 | 8.6 | 7.7 | 3.9 | 300.3 | 317.9 | 6.4 | 48.9 | 0.5 | 44. |
| 1.4 | 23.4 | 1477.6 | 850.0 | 13.2 | 4.2 | 233.7 | 9.7 | 7.8 | 5.7 | 300.3 | 316.9 | 6.1 | 54.4 | 0.8 | 47. |
| 2.1 | 26.2 | 1727.9 | 825.0 | 11.1 | 3.0 | 250.5 | 10.0 | 9.4 | 3.3 | 300.3 | 316.4 | 5.8 | 57.6 | 1.1 | 50. |
| 2.9 | 29.1 | 1933.6 | 800.0 | 8.8 | -3.6 | 257.0 | 11.0 | 11.6 | 2.7 | 300.3 | 316.4 | 5.8 | 57.6 | 1.1 | 50. |
| 4.0 | 32.0 | 2245.6 | 775.0 | 7.3 | -10.4 | 253.3 | 11.2 | 10.7 | 3.2 | 301.6 | 308.2 | 3.7 | 41.3 | 2.4 | 65. |
| 5.1 | 34.9 | 2514.2 | 750.0 | 5.5 | -14.2 | 260.6 | 11.8 | 11.7 | 1.9 | 302.6 | 307.7 | 2.2 | 27.5 | 3.1 | 66. |
| 6.2 | 37.8 | 2790.5 | 725.0 | 4.3 | -16.0 | 274.2 | 12.6 | 12.6 | -0.9 | 304.1 | 307.7 | 1.7 | 22.5 | 3.9 | 72. |
| 7.2 | 40.7 | 3075.0 | 700.0 | 2.3 | -17.7 | 271.9 | 13.0 | 13.0 | -0.4 | 305.0 | 308.8 | 1.5 | 21.1 | 4.6 | 75. |
| 8.2 | 43.8 | 3367.4 | 675.0 | 0.5 | -20.1 | 271.4 | 13.4 | 13.4 | -0.3 | 306.2 | 309.8 | 1.4 | 21.1 | 5.4 | 78. |
| 9.1 | 46.8 | 3669.4 | 650.0 | -0.9 | -21.9 | 273.1 | 13.6 | 13.6 | -0.7 | 308.0 | 311.2 | 1.0 | 19.5 | 6.1 | 79. |
| 10.1 | 49.9 | 3981.2 | 625.0 | -2.9 | -23.0 | 275.1 | 15.0 | 14.9 | -1.3 | 309.2 | 312.2 | 0.8 | 18.3 | 6.9 | 81. |
| 11.1 | 53.0 | 4303.1 | 600.0 | -5.2 | -25.4 | 269.5 | 16.7 | 16.7 | 0.1 | 310.1 | 312.7 | 0.8 | 18.6 | 7.8 | 83. |
| 12.0 | 56.1 | 4635.7 | 575.0 | -7.8 | -25.8 | 266.8 | 18.3 | 18.2 | 1.0 | 310.9 | 312.7 | 0.7 | 21.6 | 8.9 | 83. |
| 13.1 | 59.4 | 4979.3 | 550.0 | -10.9 | -27.7 | 264.4 | 18.5 | 18.4 | 1.8 | 311.1 | 313.5 | 0.5 | 23.1 | 10.1 | 83. |
| 14.4 | 62.7 | 5334.6 | 525.0 | -14.1 | -32.0 | 264.1 | 19.8 | 18.7 | 1.9 | 311.5 | 313.1 | 0.5 | 20.2 | 11.5 | 83. |
| 15.9 | 66.1 | 5700.7 | 500.0 | -17.2 | -34.6 | 264.5 | 19.8 | 19.7 | 1.9 | 312.1 | 313.4 | 0.4 | 20.2 | 13.2 | 84. |
| 17.2 | 69.6 | 6085.3 | 475.0 | -19.9 | -36.0 | 264.1 | 21.3 | 21.2 | 2.2 | 313.3 | 314.6 | 0.4 | 22.3 | 14.8 | 84. |
| 18.6 | 73.1 | 6484.5 | 450.0 | -22.1 | -38.9 | 269.1 | 24.2 | 24.2 | 0.4 | 315.4 | 317.7 | 0.3 | 20.0 | 16.7 | 84. |
| 20.1 | 76.7 | 6901.9 | 425.0 | -25.1 | -41.7 | 271.1 | 26.7 | 26.7 | -0.5 | 316.9 | 317.7 | 0.2 | 19.5 | 18.9 | 85. |
| 21.4 | 80.3 | 7340.2 | 400.0 | -27.8 | -43.9 | 269.6 | 30.9 | 30.9 | 0.2 | 318.9 | 319.6 | 0.2 | 19.5 | 21.2 | 85. |
| 22.9 | 84.2 | 7800.8 | 375.0 | -31.0 | -46.6 | 267.5 | 32.3 | 32.3 | 1.4 | 320.6 | 321.1 | 0.1 | 20.9 | 24.0 | 86. |
| 24.0 | 88.1 | 8286.6 | 350.0 | -34.9 | -49.4 | 267.9 | 35.1 | 35.0 | 1.6 | 321.8 | 322.2 | 0.1 | 20.9 | 27.3 | 86. |
| 26.3 | 92.2 | 8800.3 | 325.0 | -38.1 | -51.9 | 267.4 | 37.0 | 37.0 | 2.4 | 324.2 | 324.2 | 99.9 | 99.9 | 30.9 | 86. |
| 28.0 | 95.3 | 9347.6 | 300.0 | -41.4 | -54.9 | 266.3 | 37.1 | 37.0 | 0.6 | 327.0 | 327.0 | 99.9 | 99.9 | 34.8 | 86. |
| 29.9 | 100.7 | 9933.7 | 275.0 | -45.0 | -57.9 | 269.1 | 40.6 | 40.6 | 0.4 | 330.0 | 330.0 | 99.9 | 99.9 | 39.1 | 86. |
| 31.9 | 105.2 | 10585.2 | 250.0 | -48.0 | -60.9 | 269.4 | 42.9 | 42.9 | 0.4 | 334.7 | 334.7 | 99.9 | 99.9 | 44.1 | 87. |
| 34.2 | 110.0 | 11253.3 | 225.0 | -51.8 | -63.9 | 266.0 | 41.3 | 41.2 | 2.9 | 339.1 | 339.1 | 99.9 | 99.9 | 49.9 | 87. |
| 36.8 | 115.2 | 12014.6 | 200.0 | -53.0 | -66.9 | 265.6 | 39.3 | 39.2 | 3.0 | 348.8 | 348.8 | 99.9 | 99.9 | 56.3 | 87. |
| 39.8 | 120.7 | 12873.3 | 175.0 | -53.9 | -69.9 | 260.0 | 35.1 | 34.6 | 6.1 | 361.0 | 361.0 | 99.9 | 99.9 | 62.9 | 87. |
| 43.1 | 126.5 | 13868.4 | 150.0 | -52.5 | -72.9 | 252.8 | 31.0 | 29.6 | 9.1 | 379.6 | 379.6 | 99.9 | 99.9 | 69.3 | 85. |
| 47.4 | 133.0 | 15042.4 | 125.0 | -55.7 | -75.9 | 254.1 | 22.8 | 21.9 | 6.2 | 394.2 | 394.2 | 99.9 | 99.9 | 75.5 | 85. |
| 52.1 | 140.3 | 16452.0 | 100.0 | -59.0 | -78.9 | 251.2 | 19.0 | 17.9 | 6.1 | 413.6 | 413.6 | 99.9 | 99.9 | 81.9 | 83. |
| 58.0 | 148.3 | 18248.5 | 75.0 | -61.1 | -81.9 | 248.2 | 10.9 | 10.1 | 4.1 | 444.9 | 444.9 | 99.9 | 99.9 | 88.4 | 83. |
| 65.6 | 157.3 | 20758.4 | 50.0 | -59.9 | -84.9 | 233.9 | 7.8 | 4.6 | -6.3 | 502.5 | 502.5 | 99.9 | 99.9 | 99.2 | 82. |
| 99.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

STATION NO. 265
MIDLAND, TEXAS

25 APRIL 1982
200 GMT

158 12. 0

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX TIO GN/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 16.4 | 873.0 | 909.2 | 18.3 | 0.4 | 220.0 | 3.1 | 2.0 | 2.4 | 299.5 | 311.8 | 4.4 | 30.0 | 0.0 | 0.0 |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.2 | 17.4 | 960.7 | 900.0 | 20.8 | 1.0 | 248.6 | 12.9 | 12.0 | 4.7 | 303.0 | 314.3 | 3.9 | 23.0 | 0.3 | 64. |
| 1.1 | 20.2 | 1203.6 | 875.0 | 19.8 | -3.3 | 253.2 | 14.1 | 13.5 | 4.1 | 304.2 | 314.3 | 3.4 | 20.8 | 0.8 | 67. |
| 1.9 | 22.9 | 1452.0 | 850.0 | 17.8 | -3.8 | 259.1 | 14.6 | 14.3 | 2.8 | 304.8 | 314.8 | 3.4 | 20.6 | 1.4 | 72. |
| 2.7 | 25.7 | 1705.7 | 825.0 | 15.0 | -5.1 | 269.3 | 15.6 | 15.4 | 2.6 | 304.5 | 313.8 | 3.2 | 22.6 | 1.4 | 75. |
| 3.5 | 28.5 | 1864.9 | 800.0 | 12.7 | -6.0 | 257.5 | 16.4 | 16.0 | 3.5 | 304.7 | 313.7 | 3.1 | 26.7 | 2.2 | 76. |
| 4.4 | 31.2 | 2229.9 | 775.0 | 9.9 | -7.2 | 261.7 | 16.2 | 15.8 | 3.5 | 304.4 | 312.9 | 2.9 | 29.2 | 3.8 | 77. |
| 5.3 | 34.0 | 2501.1 | 750.0 | 7.4 | -6.7 | 264.7 | 15.8 | 15.6 | 2.3 | 304.7 | 313.7 | 3.1 | 35.9 | 4.8 | 78. |
| 6.2 | 36.8 | 2778.9 | 725.0 | 4.6 | -7.8 | 269.3 | 14.3 | 14.2 | 1.3 | 304.5 | 313.1 | 2.9 | 40.1 | 5.5 | 79. |
| 7.2 | 39.6 | 3063.3 | 700.0 | 1.8 | -6.7 | 274.6 | 14.0 | 14.0 | 0.2 | 304.4 | 314.1 | 3.3 | 53.3 | 6.4 | 80. |
| 8.3 | 42.5 | 3355.4 | 675.0 | -0.9 | -6.9 | 274.6 | 14.2 | 14.2 | -1.1 | 304.6 | 314.5 | 3.4 | 64.0 | 7.3 | 81. |
| 9.3 | 45.5 | 3655.2 | 650.0 | -4.0 | -7.8 | 284.4 | 15.3 | 14.8 | -3.8 | 304.4 | 314.0 | 3.3 | 74.9 | 8.2 | 83. |
| 10.6 | 48.5 | 3983.5 | 625.0 | -6.2 | -12.5 | 297.8 | 15.3 | 13.5 | -7.1 | 305.3 | 312.3 | 2.3 | 80.7 | 9.2 | 86. |
| 12.0 | 51.4 | 4281.9 | 600.0 | -8.2 | -16.5 | 293.4 | 15.4 | 14.1 | -6.1 | 306.7 | 312.0 | 1.8 | 91.0 | 10.2 | 90. |
| 13.1 | 54.6 | 4611.5 | 575.0 | -9.6 | -27.2 | 278.4 | 14.9 | 14.8 | -2.2 | 306.8 | 311.1 | 0.7 | 102.2 | 11.3 | 92. |
| 14.4 | 57.8 | 4952.8 | 550.0 | -12.7 | -29.6 | 271.8 | 18.0 | 18.0 | -0.6 | 309.0 | 311.0 | 0.6 | 122.6 | 12.4 | 92. |
| 15.3 | 60.9 | 5305.5 | 525.0 | -16.3 | -32.3 | 272.7 | 18.4 | 18.3 | -0.9 | 308.9 | 310.5 | 0.5 | 133.4 | 13.5 | 92. |
| 16.7 | 64.1 | 5670.5 | 500.0 | -19.5 | -34.1 | 276.1 | 16.5 | 16.4 | -1.8 | 309.3 | 310.7 | 0.4 | 145.9 | 14.9 | 92. |
| 18.1 | 67.4 | 6049.4 | 475.0 | -22.0 | -35.7 | 280.2 | 18.6 | 18.3 | -3.3 | 310.7 | 312.0 | 0.4 | 163.3 | 16.3 | 93. |
| 19.8 | 70.9 | 6445.3 | 450.0 | -24.4 | -38.8 | 280.2 | 21.8 | 21.4 | -3.9 | 312.6 | 313.6 | 0.3 | 184.6 | 18.4 | 93. |
| 21.4 | 74.4 | 6859.4 | 425.0 | -27.4 | -41.4 | 278.4 | 24.6 | 24.3 | -3.6 | 313.9 | 314.8 | 0.2 | 206.9 | 20.6 | 94. |
| 23.1 | 78.0 | 7292.9 | 400.0 | -30.7 | -44.3 | 276.2 | 26.6 | 26.4 | -2.9 | 315.1 | 315.7 | 0.2 | 231.9 | 23.1 | 94. |
| 24.7 | 81.6 | 7716.4 | 375.0 | -33.4 | -46.6 | 274.9 | 29.6 | 29.5 | -2.5 | 317.4 | 318.0 | 0.1 | 259.9 | 25.9 | 95. |
| 26.3 | 85.3 | 8229.8 | 350.0 | -37.1 | -49.6 | 275.1 | 32.0 | 31.9 | -2.8 | 318.8 | 319.2 | 0.1 | 290.9 | 29.0 | 95. |
| 28.3 | 89.3 | 8737.9 | 325.0 | -41.2 | -52.9 | 274.4 | 32.3 | 32.2 | -2.5 | 320.0 | 319.9 | 99.9 | 326.9 | 32.6 | 95. |
| 30.3 | 93.5 | 9276.8 | 300.0 | -45.0 | -55.9 | 277.9 | 31.0 | 30.7 | -4.3 | 321.9 | 319.9 | 99.9 | 365.9 | 36.5 | 95. |
| 32.2 | 97.7 | 9853.9 | 275.0 | -48.3 | -58.9 | 275.5 | 29.7 | 29.6 | -2.8 | 325.2 | 319.9 | 99.9 | 400.9 | 40.0 | 95. |
| 34.9 | 102.2 | 10477.7 | 250.0 | -51.4 | -61.9 | 270.7 | 27.8 | 27.8 | -0.4 | 329.6 | 319.9 | 99.9 | 447.9 | 44.7 | 95. |
| 37.6 | 107.0 | 11159.9 | 225.0 | -53.2 | -63.9 | 268.2 | 29.7 | 29.6 | 1.7 | 336.9 | 319.9 | 99.9 | 493.9 | 49.3 | 94. |
| 40.5 | 112.0 | 11916.9 | 200.0 | -52.8 | -65.9 | 268.2 | 28.5 | 28.4 | 0.9 | 349.2 | 319.9 | 99.9 | 542.9 | 54.2 | 94. |
| 44.1 | 117.5 | 12777.6 | 175.0 | -54.1 | -67.9 | 262.5 | 25.5 | 24.3 | 7.7 | 360.6 | 319.9 | 99.9 | 603.9 | 60.3 | 93. |
| 47.5 | 123.5 | 13760.0 | 150.0 | -57.1 | -69.9 | 252.7 | 24.8 | 24.6 | 3.2 | 371.8 | 319.9 | 99.9 | 664.9 | 66.4 | 91. |
| 50.9 | 130.0 | 14900.4 | 125.0 | -62.1 | -71.9 | 257.8 | 24.4 | 24.4 | 0.9 | 382.5 | 319.9 | 99.9 | 729.9 | 72.9 | 91. |
| 55.7 | 137.7 | 16298.3 | 100.0 | -65.2 | -73.9 | 244.6 | 17.0 | 16.9 | -1.4 | 419.1 | 319.9 | 99.9 | 770.9 | 77.0 | 90. |
| 61.8 | 148.5 | 18082.7 | 75.0 | -65.4 | -75.9 | 232.8 | 7.0 | 5.5 | 4.2 | 435.8 | 319.9 | 99.9 | 800.9 | 80.0 | 91. |
| 69.6 | 156.7 | 20575.8 | 50.0 | -60.5 | -69.9 | 260.8 | 6.0 | 6.0 | 1.0 | 500.9 | 319.9 | 99.9 | 800.9 | 80.0 | 91. |
| 82.9 | 167.7 | 24992.9 | 25.0 | -52.5 | -69.9 | 99.9 | 99.9 | 99.9 | 99.9 | 634.1 | 319.9 | 99.9 | 99.9 | 99.9 | 91. |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE 19
OF POOR QUALITY

STATION NO. 265
MIDLAND, TEXAS
25 APRIL 1982
500 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT I DG K | E POT I DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 15.5 | 873.0 | 909.9 | 16.1 | 1.8 | 230.0 | 3.6 | 2.8 | 2.3 | 297.2 | 310.5 | 4.8 | 38.0 | 0.0 | 0. |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.3 | 16.5 | 956.9 | 900.0 | 19.9 | -3.2 | 250.2 | 13.0 | 12.2 | 4.4 | 302.0 | 311.7 | 3.4 | 20.9 | 0.4 | 66. |
| 1.0 | 19.0 | 1209.5 | 875.0 | 20.3 | -4.5 | 252.3 | 13.6 | 12.9 | 4.1 | 304.9 | 314.1 | 3.1 | 18.4 | 0.8 | 68. |
| 1.8 | 21.5 | 1458.4 | 825.0 | 17.9 | -5.4 | 256.8 | 13.9 | 13.5 | 3.2 | 305.1 | 313.8 | 3.0 | 20.1 | 1.4 | 71. |
| 2.6 | 24.1 | 1712.2 | 800.0 | 15.6 | -6.9 | 262.0 | 15.1 | 15.0 | 2.1 | 305.9 | 313.3 | 2.8 | 20.6 | 2.1 | 74. |
| 3.4 | 26.7 | 1972.0 | 800.0 | 13.2 | -7.9 | 267.4 | 16.0 | 16.0 | 0.7 | 305.2 | 313.1 | 2.6 | 22.2 | 2.9 | 77. |
| 4.2 | 29.2 | 2237.7 | 775.0 | 11.2 | -8.3 | 271.0 | 15.9 | 15.9 | -0.3 | 305.9 | 313.7 | 2.6 | 24.6 | 3.8 | 79. |
| 5.1 | 31.9 | 2509.7 | 750.0 | 8.4 | -9.1 | 273.0 | 16.7 | 16.7 | -0.9 | 305.7 | 313.4 | 2.6 | 27.9 | 4.4 | 82. |
| 5.9 | 34.8 | 2788.5 | 725.0 | 5.7 | -9.3 | 276.4 | 16.9 | 16.8 | -1.9 | 305.7 | 313.5 | 2.6 | 32.9 | 5.3 | 84. |
| 6.8 | 37.2 | 3074.4 | 700.0 | 3.2 | -9.8 | 281.4 | 17.2 | 16.9 | -3.4 | 306.0 | 313.7 | 2.6 | 37.8 | 6.1 | 86. |
| 7.6 | 40.0 | 3367.8 | 675.0 | 0.5 | -10.7 | 286.5 | 17.3 | 16.6 | -4.9 | 306.2 | 313.7 | 2.5 | 42.7 | 7.0 | 88. |
| 8.6 | 42.8 | 3659.1 | 650.0 | -2.5 | -12.4 | 293.0 | 17.1 | 15.6 | -6.7 | 306.2 | 313.0 | 2.3 | 46.4 | 7.9 | 91. |
| 9.5 | 45.6 | 3959.1 | 625.0 | -5.2 | -14.6 | 297.9 | 17.8 | 15.7 | -8.3 | 306.6 | 312.5 | 2.0 | 47.2 | 8.8 | 93. |
| 10.4 | 48.4 | 4298.3 | 600.0 | -7.7 | -16.9 | 302.9 | 17.1 | 14.3 | -9.3 | 307.2 | 312.4 | 1.7 | 47.6 | 9.6 | 96. |
| 11.3 | 51.1 | 4627.6 | 575.0 | -10.5 | -19.2 | 306.3 | 17.3 | 14.6 | -7.3 | 307.7 | 312.2 | 1.4 | 48.6 | 10.5 | 99. |
| 12.2 | 54.1 | 4967.8 | 550.0 | -13.5 | -23.3 | 296.3 | 16.5 | 14.8 | -5.1 | 308.1 | 311.5 | 1.1 | 43.2 | 11.3 | 100. |
| 13.1 | 57.1 | 5320.3 | 525.0 | -15.4 | -26.9 | 287.0 | 17.3 | 18.5 | -3.6 | 309.9 | 311.7 | 0.5 | 25.1 | 12.2 | 101. |
| 14.0 | 60.1 | 5686.6 | 500.0 | -18.0 | -30.3 | 281.1 | 18.5 | 18.2 | -2.3 | 311.0 | 312.2 | 0.3 | 18.4 | 13.2 | 101. |
| 15.1 | 63.3 | 6067.9 | 475.0 | -20.9 | -36.3 | 276.4 | 20.2 | 20.0 | -2.3 | 312.1 | 313.1 | 0.3 | 18.6 | 14.3 | 101. |
| 16.1 | 66.5 | 6454.8 | 450.0 | -24.3 | -41.4 | 276.2 | 19.1 | 19.0 | -2.1 | 312.7 | 313.5 | 0.2 | 18.7 | 15.6 | 101. |
| 17.4 | 69.8 | 6878.6 | 425.0 | -27.8 | -44.4 | 278.6 | 20.8 | 20.6 | -3.1 | 313.4 | 314.1 | 0.2 | 19.3 | 17.1 | 100. |
| 18.9 | 73.1 | 7311.8 | 400.0 | -30.5 | -45.9 | 273.8 | 24.4 | 24.4 | -1.6 | 315.3 | 315.9 | 0.2 | 20.4 | 19.0 | 100. |
| 20.4 | 76.6 | 7767.7 | 375.0 | -33.6 | -48.8 | 274.4 | 27.6 | 27.5 | -2.1 | 317.5 | 317.5 | 0.1 | 19.8 | 21.5 | 99. |
| 21.9 | 80.3 | 8248.0 | 350.0 | -37.0 | -51.7 | 277.5 | 31.4 | 31.2 | -4.1 | 318.8 | 319.2 | 0.1 | 19.9 | 24.1 | 99. |
| 23.4 | 83.9 | 8755.9 | 325.0 | -41.1 | 99.9 | 280.1 | 31.0 | 30.5 | -5.4 | 320.1 | 320.9 | 99.9 | 99.9 | 27.2 | 99. |
| 25.1 | 87.7 | 9296.3 | 300.0 | -44.8 | 99.9 | 278.8 | 30.7 | 30.3 | -4.7 | 322.3 | 322.3 | 99.9 | 99.9 | 30.0 | 99. |
| 27.0 | 91.7 | 9975.7 | 275.0 | -47.6 | 99.9 | 274.1 | 30.7 | 30.6 | -2.2 | 326.4 | 326.4 | 99.9 | 99.9 | 32.7 | 98. |
| 28.9 | 96.0 | 10499.6 | 250.0 | -50.6 | 99.9 | 271.7 | 25.1 | 25.1 | -0.8 | 330.9 | 330.9 | 99.9 | 99.9 | 36.7 | 98. |
| 31.1 | 100.5 | 11186.1 | 225.0 | -52.1 | 99.9 | 263.5 | 29.4 | 29.2 | 3.3 | 338.6 | 338.6 | 99.9 | 99.9 | 40.3 | 97. |
| 33.6 | 105.2 | 11941.0 | 200.0 | -55.8 | 99.9 | 265.7 | 28.0 | 27.9 | 2.1 | 344.4 | 344.4 | 99.9 | 99.9 | 44.5 | 96. |
| 36.1 | 110.2 | 12791.5 | 175.0 | -55.9 | 99.9 | 267.5 | 27.9 | 27.8 | 1.2 | 357.7 | 357.7 | 99.9 | 99.9 | 48.8 | 95. |
| 39.3 | 115.7 | 13768.8 | 150.0 | -56.8 | 99.9 | 265.3 | 25.2 | 25.1 | 2.1 | 372.3 | 372.3 | 99.9 | 99.9 | 53.7 | 94. |
| 42.8 | 121.7 | 14919.8 | 125.0 | -58.4 | 99.9 | 264.1 | 23.6 | 23.4 | 0.7 | 389.4 | 389.4 | 99.9 | 99.9 | 58.8 | 93. |
| 46.9 | 128.5 | 16324.9 | 100.0 | -58.0 | 99.9 | 267.5 | 17.0 | 17.0 | 0.7 | 415.7 | 415.7 | 99.9 | 99.9 | 64.8 | 93. |
| 51.4 | 136.0 | 18110.7 | 75.0 | -64.4 | 99.9 | 231.0 | 5.6 | 4.3 | 2.5 | 437.8 | 437.8 | 99.9 | 99.9 | 67.9 | 92. |
| 58.5 | 144.7 | 20603.4 | 50.0 | -61.9 | 99.9 | 151.8 | 3.2 | -1.5 | 3.8 | 497.8 | 497.8 | 99.9 | 99.9 | 67.9 | 92. |
| 70.9 | 154.0 | 25002.0 | 25.0 | -53.2 | 99.9 | 253.4 | 2.9 | 2.8 | 0.8 | 631.6 | 631.6 | 99.9 | 99.9 | 66.4 | 92. |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 ** BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 *** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
 *** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

STATION NO. 270
EL PASO, TEXAS

24 APRIL 1982
1400 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 18.4 | 1193.0 | 882.4 | 7.8 | 7.2 | 180.0 | 1.6 | 0.0 | 1.6 | 291.2 | 310.3 | 7.3 | 96.0 | 0.0 | 0.0 |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 900.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.3 | 19.2 | 1262.5 | 875.0 | 6.6 | 4.9 | 99.9 | 99.9 | 99.9 | 99.9 | 290.6 | 307.2 | 6.2 | 89.3 | 99.9 | 99.9 |
| 0.9 | 21.8 | 1500.7 | 850.0 | 6.3 | 5.5 | 99.9 | 99.9 | 99.9 | 99.9 | 292.7 | 310.6 | 6.7 | 95.1 | 99.9 | 99.9 |
| 1.7 | 24.4 | 1746.6 | 825.0 | 7.5 | 1.2 | 99.9 | 99.9 | 99.9 | 99.9 | 296.5 | 310.6 | 5.1 | 64.5 | 99.9 | 99.9 |
| 2.5 | 27.1 | 2001.0 | 800.0 | 8.7 | -3.3 | 289.0 | 8.4 | 7.9 | -2.7 | 300.4 | 311.2 | 3.8 | 42.6 | 0.6 | 53.0 |
| 3.3 | 29.9 | 2262.8 | 775.0 | 6.7 | -6.5 | 289.8 | 10.2 | 9.6 | -3.5 | 301.0 | 309.6 | 3.0 | 38.1 | 0.9 | 77.0 |
| 4.1 | 32.6 | 2530.7 | 750.0 | 4.3 | -7.7 | 290.8 | 12.0 | 11.2 | -4.3 | 301.3 | 309.6 | 2.8 | 41.0 | 1.4 | 89.0 |
| 5.0 | 35.3 | 2805.3 | 725.0 | 1.6 | -8.6 | 289.3 | 12.8 | 12.1 | -4.3 | 301.3 | 309.6 | 2.8 | 43.5 | 2.0 | 96.0 |
| 5.7 | 38.1 | 3086.9 | 700.0 | -0.2 | -13.1 | 281.4 | 16.5 | 16.2 | -3.3 | 302.2 | 308.2 | 2.0 | 37.2 | 2.7 | 98.0 |
| 6.7 | 41.0 | 3377.6 | 675.0 | -1.4 | -16.3 | 276.7 | 18.2 | 18.8 | -2.2 | 304.1 | 308.0 | 1.6 | 30.9 | 3.7 | 98.0 |
| 7.8 | 43.9 | 3677.6 | 650.0 | -3.0 | -21.6 | 279.7 | 18.2 | 18.0 | -3.1 | 305.5 | 308.0 | 1.0 | 22.1 | 4.9 | 98.0 |
| 8.8 | 46.8 | 3987.1 | 625.0 | -5.0 | -22.6 | 281.9 | 18.5 | 18.1 | -3.8 | 306.7 | 308.0 | 1.0 | 23.6 | 6.0 | 99.0 |
| 10.0 | 49.8 | 4307.3 | 600.0 | -6.4 | -23.6 | 283.2 | 19.7 | 19.2 | -4.3 | 308.8 | 311.8 | 0.9 | 23.9 | 7.4 | 99.0 |
| 11.2 | 52.8 | 4638.4 | 575.0 | -8.5 | -24.6 | 282.3 | 20.1 | 19.6 | -4.3 | 310.0 | 313.3 | 0.8 | 25.9 | 8.8 | 100.0 |
| 12.4 | 55.8 | 4981.5 | 550.0 | -11.2 | -26.5 | 280.3 | 21.0 | 20.8 | -4.1 | 310.8 | 313.3 | 0.7 | 27.0 | 10.3 | 100.0 |
| 13.6 | 58.9 | 5336.4 | 525.0 | -14.2 | -29.0 | 281.1 | 21.2 | 21.5 | -3.0 | 311.9 | 313.5 | 0.5 | 27.1 | 11.9 | 100.0 |
| 15.0 | 62.0 | 5704.1 | 500.0 | -17.4 | -32.9 | 278.0 | 21.7 | 21.5 | -2.7 | 312.4 | 313.7 | 0.4 | 25.4 | 13.7 | 100.0 |
| 16.3 | 65.3 | 6086.2 | 475.0 | -20.7 | -35.3 | 277.6 | 20.6 | 20.4 | -2.7 | 312.4 | 313.5 | 0.3 | 24.6 | 15.3 | 100.0 |
| 17.7 | 68.6 | 6483.1 | 450.0 | -24.4 | -38.9 | 279.7 | 23.9 | 23.6 | -4.0 | 312.5 | 313.5 | 0.2 | 22.9 | 17.2 | 100.0 |
| 19.2 | 72.0 | 6896.0 | 425.0 | -27.7 | -42.3 | 279.6 | 26.8 | 26.4 | -4.5 | 313.6 | 314.3 | 0.2 | 22.5 | 19.3 | 100.0 |
| 20.8 | 75.4 | 7331.6 | 400.0 | -29.1 | -43.7 | 277.1 | 28.9 | 28.7 | -3.6 | 317.2 | 317.3 | 0.2 | 22.5 | 22.1 | 100.0 |
| 22.6 | 79.0 | 7790.2 | 375.0 | -31.7 | -46.0 | 277.0 | 31.3 | 31.0 | -3.3 | 319.6 | 320.2 | 0.2 | 22.7 | 25.2 | 99.0 |
| 24.4 | 82.8 | 8274.4 | 350.0 | -35.2 | -48.4 | 275.9 | 31.9 | 31.7 | -3.3 | 321.3 | 321.8 | 0.1 | 24.3 | 28.7 | 99.0 |
| 26.3 | 86.7 | 8787.9 | 325.0 | -38.7 | -51.4 | 275.4 | 34.6 | 34.5 | -3.3 | 323.4 | 323.8 | 0.1 | 24.3 | 32.5 | 99.0 |
| 28.5 | 90.8 | 9333.0 | 300.0 | -42.1 | -51.4 | 274.0 | 36.9 | 36.8 | -2.6 | 326.1 | 329.9 | 99.9 | 99.9 | 37.2 | 98.0 |
| 30.8 | 95.0 | 9919.5 | 275.0 | -44.2 | -51.4 | 269.6 | 40.3 | 40.3 | -0.3 | 331.3 | 331.3 | 99.9 | 99.9 | 48.1 | 96.0 |
| 33.1 | 99.5 | 10552.5 | 250.0 | -48.2 | -51.4 | 270.5 | 42.2 | 42.2 | -0.3 | 334.4 | 334.4 | 99.9 | 99.9 | 54.6 | 96.0 |
| 35.6 | 104.2 | 11241.1 | 225.0 | -51.7 | -51.4 | 272.9 | 44.6* | 44.6 | -2.3 | 339.2 | 339.2 | 99.9 | 99.9 | 62.3 | 95.0 |
| 38.4 | 109.3 | 11999.2 | 200.0 | -55.2 | -51.4 | 270.3 | 40.6* | 40.6 | -0.2 | 345.4 | 345.4 | 99.9 | 99.9 | 69.0 | 95.0 |
| 41.7 | 114.8 | 12853.5 | 175.0 | -54.5 | -51.4 | 274.3 | 29.5* | 29.4 | -2.2 | 359.9 | 359.9 | 99.9 | 99.9 | 73.8 | 95.0 |
| 44.9 | 120.7 | 13830.7 | 150.0 | -58.5 | -51.4 | 268.3 | 23.6* | 23.6 | 0.7 | 369.3 | 369.3 | 99.9 | 99.9 | 80.1 | 94.0 |
| 49.3 | 127.3 | 14980.0 | 125.0 | -56.8 | -51.4 | 265.9 | 26.4* | 26.3 | 1.9 | 392.2 | 392.2 | 99.9 | 99.9 | 87.6 | 93.0 |
| 54.7 | 135.0 | 16387.5 | 100.0 | -58.2 | -51.4 | 235.7 | 19.5* | 16.1 | 5.2 | 415.2 | 415.2 | 99.9 | 99.9 | 90.9 | 92.0 |
| 60.5 | 143.7 | 18181.5 | 75.0 | -62.8 | -51.4 | 230.7 | 8.1 | 6.3 | -3.8 | 504.2 | 504.2 | 99.9 | 99.9 | 91.7 | 92.0 |
| 68.3 | 153.5 | 20687.7 | 50.0 | -59.1 | -51.4 | 320.1 | 5.0 | 3.2 | -4.1 | 534.0 | 534.0 | 99.9 | 99.9 | 91.2 | 93.0 |
| 80.5 | 164.0 | 25115.9 | 25.0 | -52.4 | -51.4 | 317.7 | 5.5 | 3.7 | -4.1 | 534.0 | 534.0 | 99.9 | 99.9 | 91.2 | 93.0 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

** BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

ORIGINAL PAGE IS
OF POOR QUALITY

| STATION NO. 270 EL PASO, TEXAS | | | | | | | | | | | | | | | 152 11. 0 | | |
|-----------------------------------|-------|---------|--------|-------|--------|-------|-------|--------|--------|-------|---------|--------|------|-------|-----------|--|--|
| 24 APRIL 1982 | | | | | | | | | | | | | | | | | |
| 1700 GMT | | | | | | | | | | | | | | | | | |
| TIME | CNTCT | HEIGHT | PRES | TEMP | DEW PT | DIR | SPEED | U COMP | V COMP | POT T | E POT T | MX RTO | RH | RANGE | AZ | | |
| MIN | | GPM | MB | DG C | DG C | DG | M/SEC | M/SEC | M/SEC | DG K | DG K | GM/KG | PCT | KM | DG | | |
| 0 0 | 18.6 | 1193.0 | 882.5 | 14.5 | 7.1 | 240.0 | 2.1 | 1.8 | 1.1 | 288.1 | 317.7 | 7.2 | 61.0 | 0.0 | 0.0 | | |
| 0 9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | | |
| 9 9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | | |
| 9 9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | | |
| 9 9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | | |
| 0 3 | 19.4 | 1265.2 | 875.0 | 13.9 | 3.4 | 999.9 | 99.9 | 99.9 | 99.9 | 288.2 | 313.7 | 5.6 | 49.2 | 99.9 | 99.9 | | |
| 1 1 | 22.1 | 1508.7 | 850.0 | 12.1 | 0.8 | 999.9 | 99.9 | 99.9 | 99.9 | 288.9 | 312.2 | 4.8 | 45.8 | 99.9 | 99.9 | | |
| 2 0 | 27.4 | 1758.0 | 825.0 | 10.1 | -2.2 | 999.9 | 99.9 | 99.9 | 99.9 | 288.3 | 310.5 | 4.0 | 42.0 | 99.9 | 99.9 | | |
| 2 8 | 30.1 | 2013.2 | 800.0 | 8.6 | -6.5 | 285.6 | 9.8 | 8.8 | -4.2 | 300.4 | 308.9 | 2.9 | 33.5 | 1.1 | 93. | | |
| 3 7 | 32.8 | 2274.7 | 775.0 | 6.6 | -7.7 | 289.6 | 11.3 | 9.8 | -5.6 | 300.9 | 309.0 | 2.8 | 35.0 | 1.6 | 102. | | |
| 4 5 | 35.6 | 2542.4 | 750.0 | 4.6 | -10.2 | 286.9 | 11.7 | 10.4 | -5.3 | 301.5 | 308.5 | 2.3 | 33.3 | 2.2 | 108. | | |
| 5 1 | 38.4 | 2817.3 | 725.0 | 2.9 | -18.1 | 291.3 | 13.6 | 10.9 | -4.2 | 302.7 | 308.6 | 1.3 | 19.6 | 2.6 | 108. | | |
| 5 8 | 41.2 | 3101.1 | 700.0 | 1.5 | -19.8 | 295.0 | 15.0 | 13.6 | -6.4 | 304.2 | 308.5 | 1.1 | 18.5 | 3.1 | 108. | | |
| 6 5 | 44.1 | 3392.7 | 675.0 | -0.6 | -20.2 | 296.9 | 15.0 | 13.4 | -6.8 | 305.4 | 309.0 | 1.2 | 21.0 | 3.7 | 109. | | |
| 7 3 | 47.0 | 3692.9 | 650.0 | -3.2 | -20.4 | 298.0 | 15.2 | 14.0 | -5.9 | 307.2 | 309.7 | 0.8 | 24.8 | 4.5 | 110. | | |
| 8 3 | 50.0 | 4001.6 | 625.0 | -4.3 | -25.6 | 293.0 | 15.2 | 14.0 | -5.9 | 307.2 | 309.7 | 0.8 | 24.8 | 5.3 | 111. | | |
| 9 4 | 53.0 | 4321.6 | 600.0 | -7.0 | -24.1 | 287.9 | 16.6 | 15.8 | -5.1 | 308.0 | 310.9 | 0.8 | 24.0 | 6.4 | 111. | | |
| 10 6 | 56.1 | 4652.1 | 575.0 | -9.3 | -25.8 | 286.3 | 18.4 | 17.7 | -5.2 | 309.1 | 311.7 | 0.8 | 24.6 | 7.6 | 110. | | |
| 11 7 | 59.3 | 4993.9 | 550.0 | -12.6 | -31.0 | 286.4 | 19.2 | 18.4 | -5.4 | 309.2 | 310.9 | 0.5 | 19.7 | 9.0 | 110. | | |
| 12 9 | 62.4 | 5347.3 | 525.0 | -15.5 | -33.6 | 285.8 | 20.1 | 19.3 | -5.5 | 309.8 | 311.2 | 0.4 | 19.5 | 10.3 | 109. | | |
| 14 2 | 65.6 | 5713.7 | 500.0 | -18.1 | -36.9 | 282.4 | 21.6 | 21.1 | -4.6 | 311.0 | 312.1 | 0.3 | 17.3 | 11.9 | 108. | | |
| 15 5 | 69.0 | 6095.1 | 475.0 | -20.6 | -39.1 | 280.8 | 24.2 | 23.8 | -4.6 | 312.5 | 313.4 | 0.3 | 17.1 | 13.7 | 108. | | |
| 17 1 | 72.4 | 6492.9 | 450.0 | -23.1 | -40.9 | 278.5 | 25.4 | 25.0 | -4.2 | 314.2 | 315.0 | 0.2 | 17.7 | 16.0 | 106. | | |
| 18 6 | 75.9 | 6909.7 | 425.0 | -25.6 | -42.8 | 278.2 | 30.1 | 29.8 | -4.3 | 318.2 | 317.0 | 0.2 | 18.0 | 18.5 | 105. | | |
| 20 2 | 79.6 | 7346.7 | 400.0 | -28.2 | -45.1 | 275.8 | 30.6 | 30.4 | -3.6 | 318.4 | 319.0 | 0.2 | 17.9 | 21.5 | 104. | | |
| 21 8 | 83.3 | 7806.5 | 375.0 | -31.9 | -48.0 | 275.6 | 30.8 | 30.7 | -3.0 | 319.4 | 319.9 | 0.1 | 18.2 | 24.3 | 103. | | |
| 23 5 | 87.2 | 8289.9 | 350.0 | -35.8 | -51.3 | 275.7 | 31.0 | 30.7 | -3.1 | 319.4 | 319.9 | 0.1 | 18.2 | 27.4 | 102. | | |
| 25 3 | 91.3 | 8800.7 | 325.0 | -39.7 | -59.9 | 275.2 | 31.3 | 31.1 | -2.8 | 320.5 | 320.8 | 0.1 | 18.4 | 30.7 | 102. | | |
| 27 3 | 95.7 | 9344.4 | 300.0 | -42.7 | -69.9 | 271.5 | 31.3 | 31.1 | -2.8 | 322.0 | 322.9 | 99.9 | 99.9 | 30.7 | 101. | | |
| 29 5 | 100.2 | 9926.3 | 275.0 | -46.5 | -79.9 | 271.3 | 31.3 | 31.1 | -0.9 | 325.2 | 325.9 | 99.9 | 99.9 | 34.4 | 101. | | |
| 31 6 | 104.8 | 10554.6 | 250.0 | -49.8 | -89.9 | 269.2 | 37.5 | 40.6 | 0.5 | 327.9 | 327.9 | 99.9 | 99.9 | 39.0 | 100. | | |
| 34 0 | 110.0 | 11239.6 | 225.0 | -53.0 | -99.9 | 271.7 | 34.3 | 37.4 | -1.0 | 332.1 | 332.1 | 99.9 | 99.9 | 44.4 | 99. | | |
| 36 9 | 115.4 | 11993.1 | 200.0 | -55.3 | -99.9 | 266.0 | 35.5 | 35.4 | 2.5 | 345.1 | 345.1 | 99.9 | 99.9 | 48.8 | 98. | | |
| 40 1 | 121.5 | 12845.9 | 175.0 | -58.0 | -99.9 | 270.0 | 35.4 | 35.4 | 0.0 | 359.9 | 359.9 | 99.9 | 99.9 | 55.3 | 97. | | |
| 43 4 | 128.0 | 13821.2 | 150.0 | -58.2 | -99.9 | 263.6 | 28.6 | 28.5 | 3.2 | 359.9 | 359.9 | 99.9 | 99.9 | 60.2 | 96. | | |
| 47 5 | 135.2 | 14871.4 | 125.0 | -55.3 | -99.9 | 261.7 | 25.2 | 25.4 | 3.6 | 394.8 | 394.8 | 99.9 | 99.9 | 65.5 | 95. | | |
| 52 3 | 143.7 | 16387.7 | 100.0 | -57.4 | -99.9 | 254.9 | 16.2 | 15.6 | 4.2 | 416.9 | 416.9 | 99.9 | 99.9 | 72.0 | 94. | | |
| 58 1 | 153.3 | 18186.5 | 75.0 | -63.5 | -99.9 | 237.4 | 10.5 | 8.9 | 5.7 | 439.7 | 439.7 | 99.9 | 99.9 | 80.8 | 92. | | |
| 66 1 | 163.5 | 20699.8 | 50.0 | -58.0 | -99.9 | 284.4 | 6.8 | 6.6 | -1.7 | 506.8 | 506.8 | 99.9 | 99.9 | 83.1 | 92. | | |
| 72 8 | | 25132.1 | 25.0 | -51.6 | -99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 636.6 | 636.6 | 99.9 | 99.9 | 81.9 | 92. | | |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

** BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

*** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

**** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

STATION NO. 270
EL PASO, TEXAS

24 APRIL 1982
2015 GMT

139 39. 0

| TIME MIN | ONTOT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MAX RTO CM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|------------------|-----------|-------------|----------|
| 0.0 | 19.4 | 1193.0 | 879.5 | 20.7 | -3.7 | 270.0 | 5.2 | 5.2 | 0.0 | 304.9 | 314.5 | 3.3 | 19.0 | 0.0 | 0 |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999 |
| 99.9 | 99.9 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999 |
| 99.9 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999 |
| 99.9 | 99.9 | 99.9 | 900.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999 |
| 0.2 | 19.9 | 1237.3 | 875.0 | 20.9 | -2.3 | 999.9 | 99.9 | 99.9 | 99.9 | 305.5 | 316.3 | 3.7 | 20.9 | 99.9 | 999 |
| 0.8 | 22.5 | 1486.8 | 850.0 | 19.2 | -2.9 | 999.9 | 99.9 | 99.9 | 99.9 | 306.3 | 316.9 | 3.6 | 22.3 | 99.9 | 999 |
| 1.4 | 25.1 | 1741.8 | 825.0 | 16.6 | -4.4 | 999.9 | 99.9 | 99.9 | 99.9 | 306.9 | 316.0 | 3.3 | 23.4 | 99.9 | 999 |
| 2.0 | 27.7 | 2002.4 | 800.0 | 14.0 | -5.3 | 999.9 | 99.9 | 99.9 | 99.9 | 306.9 | 315.6 | 3.2 | 25.9 | 99.9 | 999 |
| 2.7 | 30.3 | 2268.4 | 775.0 | 11.0 | -5.7 | 999.9 | 99.9 | 99.9 | 99.9 | 305.7 | 315.2 | 3.2 | 30.3 | 99.9 | 999 |
| 3.3 | 33.0 | 2540.3 | 750.0 | 9.0 | -6.7 | 999.9 | 99.9 | 99.9 | 99.9 | 305.3 | 314.4 | 3.1 | 34.5 | 99.9 | 999 |
| 4.0 | 35.7 | 2818.6 | 725.0 | 4.9 | -8.7 | 999.9 | 99.9 | 99.9 | 99.9 | 304.9 | 313.0 | 2.7 | 36.7 | 99.9 | 999 |
| 5.1 | 38.4 | 3103.5 | 700.0 | 2.1 | -8.8 | 999.9 | 99.9 | 99.9 | 99.9 | 304.8 | 313.1 | 2.8 | 44.3 | 99.9 | 999 |
| 6.2 | 41.2 | 3395.4 | 675.0 | -0.9 | -10.7 | 999.9 | 99.9 | 99.9 | 99.9 | 304.7 | 312.2 | 2.5 | 47.3 | 99.9 | 999 |
| 7.4 | 44.0 | 3695.5 | 650.0 | -3.5 | -10.8 | 999.9 | 99.9 | 99.9 | 99.9 | 305.0 | 312.6 | 2.6 | 57.1 | 3.5 | 97 |
| 8.7 | 46.9 | 4004.5 | 625.0 | -5.2 | -17.2 | 284.1 | 14.6 | 14.6 | -3.6 | 306.5 | 311.4 | 1.6 | 38.4 | 4.4 | 99 |
| 10.1 | 49.8 | 4324.4 | 600.0 | -6.3 | -17.7 | 286.9 | 18.7 | 18.7 | -5.4 | 308.9 | 311.4 | 0.8 | 39.7 | 5.9 | 100 |
| 11.3 | 52.6 | 4656.1 | 575.0 | -8.5 | -25.7 | 289.6 | 20.3 | 19.2 | -6.8 | 310.1 | 312.1 | 0.6 | 17.5 | 7.4 | 102 |
| 12.4 | 55.6 | 4999.7 | 550.0 | -10.6 | -31.0 | 291.5 | 19.9 | 18.5 | -7.3 | 311.5 | 313.3 | 0.5 | 16.9 | 8.7 | 103 |
| 13.5 | 58.6 | 5355.8 | 525.0 | -13.2 | -31.1 | 294.9 | 19.2 | 16.5 | -7.6 | 312.5 | 314.0 | 0.4 | 16.9 | 9.9 | 105 |
| 14.8 | 61.8 | 5725.2 | 500.0 | -16.4 | -35.7 | 292.3 | 19.9 | 18.4 | -7.5 | 313.0 | 314.3 | 0.4 | 17.0 | 11.3 | 106 |
| 16.1 | 65.0 | 6109.2 | 475.0 | -19.0 | -37.7 | 285.4 | 23.7 | 22.9 | -6.3 | 314.5 | 315.5 | 0.3 | 17.3 | 13.0 | 106 |
| 17.3 | 68.1 | 6510.0 | 450.0 | -21.3 | -39.5 | 282.1 | 25.4 | 24.8 | -5.3 | 316.5 | 317.4 | 0.3 | 17.4 | 14.8 | 106 |
| 18.6 | 71.6 | 6928.9 | 425.0 | -24.5 | -42.2 | 282.2 | 26.6 | 26.0 | -5.6 | 317.6 | 318.3 | 0.2 | 17.5 | 16.9 | 105 |
| 20.0 | 75.0 | 7367.2 | 400.0 | -27.9 | -44.8 | 283.6 | 28.7 | 27.9 | -6.7 | 318.7 | 319.3 | 0.2 | 18.6 | 19.1 | 105 |
| 21.8 | 78.5 | 7828.1 | 375.0 | -31.1 | -47.2 | 279.9 | 29.2 | 28.8 | -5.0 | 320.5 | 321.0 | 0.1 | 19.2 | 22.3 | 105 |
| 23.8 | 82.1 | 8313.5 | 350.0 | -34.4 | -49.7 | 271.8 | 29.9 | 29.9 | -0.9 | 322.3 | 322.8 | 0.1 | 20.4 | 25.7 | 104 |
| 25.5 | 86.0 | 8826.6 | 325.0 | -39.1 | -53.2 | 271.0 | 31.3 | 31.3 | -1.0 | 325.3 | 323.1 | 0.1 | 20.4 | 28.7 | 102 |
| 27.3 | 90.0 | 9370.8 | 300.0 | -42.6 | -59.9 | 271.8 | 32.0 | 32.0 | -2.1 | 327.4 | 323.9 | 99.9 | 99.9 | 32.1 | 101 |
| 29.4 | 94.2 | 9953.7 | 275.0 | -46.8 | -66.6 | 272.6 | 33.4 | 33.3 | -1.3 | 332.5 | 329.9 | 99.9 | 99.9 | 36.2 | 100 |
| 31.9 | 98.5 | 10581.2 | 250.0 | -49.5 | -73.9 | 272.1 | 34.6 | 34.5 | -1.3 | 332.5 | 329.9 | 99.9 | 99.9 | 41.0 | 99 |
| 34.3 | 103.0 | 11267.8 | 225.0 | -51.8 | -81.9 | 271.7 | 35.1 | 35.1 | -1.0 | 339.2 | 329.9 | 99.9 | 99.9 | 46.2 | 98 |
| 36.7 | 108.0 | 12025.1 | 200.0 | -53.4 | -89.9 | 270.4 | 34.2 | 34.2 | -0.3 | 345.0 | 329.9 | 99.9 | 99.9 | 51.1 | 96 |
| 39.6 | 113.2 | 12875.3 | 175.0 | -55.6 | -99.9 | 268.3 | 29.6 | 29.6 | 0.9 | 358.2 | 329.9 | 99.9 | 99.9 | 56.7 | 97 |
| 42.9 | 119.0 | 13857.9 | 150.0 | -55.9 | -99.9 | 264.7 | 26.5 | 26.4 | 2.5 | 373.8 | 329.9 | 99.9 | 99.9 | 62.2 | 96 |
| 47.1 | 125.5 | 15023.8 | 125.0 | -53.5 | -99.9 | 268.0 | 25.3 | 25.3 | 0.9 | 398.2 | 329.9 | 99.9 | 99.9 | 69.0 | 95 |
| 52.2 | 133.0 | 16451.9 | 100.0 | -55.1 | -99.9 | 248.9 | 12.7 | 11.8 | 4.6 | 421.3 | 329.9 | 99.9 | 99.9 | 74.6 | 94 |
| 58.0 | 141.7 | 18254.2 | 75.0 | -62.0 | -99.9 | 247.8 | 9.3 | 8.6 | 3.5 | 442.9 | 329.9 | 99.9 | 99.9 | 77.6 | 93 |
| 65.7 | 152.0 | 20768.1 | 50.0 | -57.7 | -99.9 | 70.7 | 7.2 | -6.8 | -2.4 | 507.4 | 329.9 | 99.9 | 99.9 | 79.5 | 93 |
| 99.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE 19
OF POOR QUALITY

STATION NO. 270
EL PASO, TEXAS
25 APRIL 1982
215 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RIO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 19.1 | 1193.0 | 876.9 | 21.3 | -7.2 | 270.0 | 5.2 | 5.2 | 0.0 | 305.7 | 313.3 | 2.5 | 14.0 | 0.0 | 0 |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 900.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 |
| 0.1 | 19.3 | 1211.8 | 875.0 | 21.3 | -6.7 | 273.0 | 6.3 | 6.3 | -0.3 | 305.9 | 313.8 | 2.7 | 14.6 | 0.1 | 21 |
| 0.9 | 21.9 | 1462.0 | 850.0 | 20.1 | -5.7 | 281.9 | 11.7 | 11.4 | -2.4 | 307.2 | 315.0 | 2.9 | 16.9 | 0.6 | 102 |
| 1.4 | 24.5 | 1717.8 | 825.0 | 17.7 | -7.4 | 278.0 | 13.5 | 13.3 | -1.9 | 307.3 | 315.3 | 2.6 | 17.2 | 1.1 | 101 |
| 2.1 | 27.1 | 1979.4 | 800.0 | 15.4 | -9.3 | 277.8 | 13.1 | 13.0 | -1.8 | 307.6 | 314.7 | 2.4 | 17.3 | 1.7 | 98 |
| 3.1 | 29.9 | 2247.0 | 775.0 | 12.8 | -10.3 | 281.9 | 13.5 | 13.2 | -2.8 | 307.6 | 314.4 | 2.3 | 18.9 | 2.4 | 98 |
| 3.9 | 32.6 | 2520.3 | 750.0 | 10.0 | -12.1 | 285.1 | 13.9 | 13.5 | -3.8 | 307.4 | 313.8 | 2.0 | 19.7 | 3.1 | 100 |
| 4.8 | 35.2 | 2800.4 | 725.0 | 7.2 | -12.0 | 285.4 | 14.2 | 13.7 | -3.8 | 307.4 | 313.8 | 2.0 | 20.0 | 3.8 | 101 |
| 5.9 | 38.0 | 3087.4 | 700.0 | 4.2 | -12.8 | 285.1 | 13.3 | 12.9 | -3.5 | 307.4 | 313.4 | 2.0 | 20.7 | 4.8 | 102 |
| 7.1 | 40.9 | 3381.8 | 675.0 | 1.3 | -13.1 | 286.1 | 13.7 | 13.2 | -3.8 | 307.2 | 313.4 | 2.0 | 21.3 | 5.7 | 103 |
| 8.2 | 43.8 | 3683.9 | 650.0 | -1.7 | -13.8 | 289.5 | 14.7 | 13.9 | -4.9 | 307.0 | 313.2 | 2.0 | 21.9 | 6.7 | 103 |
| 9.5 | 46.6 | 3994.4 | 625.0 | -4.9 | -14.2 | 295.4 | 13.7 | 12.3 | -5.9 | 307.0 | 313.2 | 2.0 | 22.7 | 7.8 | 105 |
| 10.9 | 49.6 | 4314.2 | 600.0 | -7.3 | -14.2 | 303.3 | 13.4 | 11.2 | -7.4 | 307.7 | 314.2 | 2.0 | 23.4 | 8.9 | 107 |
| 12.2 | 52.6 | 4644.4 | 575.0 | -10.0 | -15.2 | 311.6 | 12.4 | 9.3 | -8.2 | 308.2 | 314.5 | 2.0 | 24.1 | 9.8 | 109 |
| 13.8 | 55.6 | 4985.9 | 550.0 | -11.7 | -15.1 | 308.1 | 12.3 | 9.7 | -7.6 | 310.2 | 313.2 | 0.9 | 23.9 | 10.9 | 111 |
| 15.3 | 58.8 | 5340.7 | 525.0 | -14.1 | -16.5 | 298.9 | 12.5 | 12.5 | -6.9 | 311.4 | 313.3 | 0.6 | 23.4 | 12.0 | 112 |
| 16.6 | 61.9 | 5709.3 | 500.0 | -16.2 | -18.5 | 295.6 | 18.5 | 16.6 | -8.0 | 313.3 | 314.5 | 0.4 | 16.8 | 13.3 | 113 |
| 17.8 | 65.1 | 6093.6 | 475.0 | -18.6 | -20.5 | 295.5 | 18.7 | 16.9 | -8.1 | 314.9 | 316.0 | 0.3 | 16.9 | 14.6 | 113 |
| 18.9 | 68.5 | 6494.0 | 450.0 | -22.1 | -23.6 | 296.2 | 20.8 | 18.7 | -9.2 | 315.5 | 316.3 | 0.2 | 16.9 | 15.9 | 113 |
| 20.1 | 71.9 | 6911.6 | 425.0 | -25.0 | -26.9 | 293.0 | 23.1 | 21.3 | -9.0 | 316.9 | 317.6 | 0.2 | 17.0 | 17.4 | 113 |
| 21.5 | 75.4 | 7349.3 | 400.0 | -28.4 | -29.4 | 287.9 | 23.5 | 22.5 | -8.9 | 318.1 | 318.7 | 0.2 | 17.3 | 19.4 | 113 |
| 23.1 | 79.0 | 7808.0 | 375.0 | -32.3 | -32.4 | 284.9 | 27.7 | 26.8 | -7.1 | 318.9 | 319.4 | 0.1 | 18.1 | 21.8 | 112 |
| 25.2 | 82.7 | 8291.4 | 350.0 | -36.2 | -36.2 | 285.9 | 29.1 | 28.0 | -6.0 | 320.0 | 320.5 | 0.1 | 24.7 | 25.5 | 111 |
| 27.3 | 86.5 | 8801.0 | 325.0 | -40.3 | -39.9 | 287.3 | 32.3 | 30.8 | -5.6 | 321.1 | 320.9 | 99.9 | 99.9 | 29.3 | 111 |
| 29.8 | 90.5 | 9342.3 | 300.0 | -43.8 | 99.9 | 282.6 | 29.5 | 28.8 | -5.5 | 323.6 | 323.6 | 99.9 | 99.9 | 34.0 | 110 |
| 32.7 | 94.7 | 9921.2 | 275.0 | -47.9 | 99.9 | 281.3 | 29.1 | 28.5 | -5.7 | 325.9 | 325.9 | 99.9 | 99.9 | 38.3 | 109 |
| 35.7 | 99.2 | 10544.2 | 250.0 | -52.3 | 99.9 | 282.5 | 30.3 | 29.5 | -6.6 | 328.3 | 328.3 | 99.9 | 99.9 | 44.2 | 108 |
| 38.8 | 103.8 | 11221.2 | 225.0 | -54.8 | 99.9 | 283.7 | 28.2 | 27.4 | -6.7 | 334.6 | 334.6 | 99.9 | 99.9 | 49.4 | 107 |
| 41.6 | 108.6 | 11969.8 | 200.0 | -57.6 | 99.9 | 278.5 | 29.5 | 29.2 | -4.4 | 341.6 | 341.6 | 99.9 | 99.9 | 54.4 | 106 |
| 45.3 | 113.8 | 12813.0 | 175.0 | -55.9 | 99.9 | 278.2 | 30.0 | 29.7 | -4.3 | 357.7 | 357.7 | 99.9 | 99.9 | 60.7 | 105 |
| 49.3 | 119.5 | 13795.1 | 150.0 | -55.9 | 99.9 | 272.6 | 28.2 | 28.2 | -1.3 | 373.8 | 373.8 | 99.9 | 99.9 | 68.1 | 103 |
| 54.4 | 125.7 | 14949.9 | 125.0 | -58.0 | 99.9 | 267.7 | 23.1* | 23.1 | 0.9 | 389.9 | 389.9 | 99.9 | 99.9 | 75.4 | 102 |
| 60.1 | 132.5 | 16351.8 | 100.0 | -59.7 | 99.9 | 267.8 | 18.5* | 18.5 | 0.7 | 412.4 | 412.4 | 99.9 | 99.9 | 82.4 | 101 |
| 67.1 | 139.7 | 18139.9 | 75.0 | -63.9 | 99.9 | 239.0 | 8.6 | 7.4 | 4.4 | 438.9 | 438.9 | 99.9 | 99.9 | 90.0 | 100 |
| 76.3 | 148.0 | 20622.4 | 50.0 | -61.0 | 99.9 | 337.5 | 3.3 | 1.3 | -3.0 | 499.6 | 499.6 | 99.9 | 99.9 | 99.0 | 101 |
| 90.8 | 156.7 | 25008.3 | 25.0 | -54.2 | 99.9 | 309.7 | 5.0 | 3.8 | -3.2 | 629.1 | 629.1 | 99.9 | 99.9 | 89.4 | 101 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

** BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

*** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

**** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE 12
OF POOR QUALITY

STATION NO. 270
EL PASO, TEXAS
25 APRIL 1982
515 GMT

147 5. 0

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0 | 19.5 | 1193.0 | 879.0 | 19.8 | -7.5 | 290.0 | 7.7 | 7.2 | -2.6 | 304.0 | 311.3 | 2.5 | 15.0 | 0 | 0 |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 900.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.2 | 19.9 | 1232.2 | 875.0 | 20.2 | -6.5 | 296.7 | 12.3 | 11.0 | -5.5 | 304.7 | 312.7 | 2.7 | 15.9 | 0.3 | 95 |
| 0.8 | 22.7 | 1481.8 | 850.0 | 19.3 | -6.4 | 295.1 | 14.3 | 13.0 | -6.3 | 306.4 | 314.2 | 2.8 | 16.8 | 0.7 | 119 |
| 1.6 | 25.2 | 1736.8 | 825.0 | 16.9 | -9.4 | 294.7 | 15.6 | 14.6 | -6.7 | 308.4 | 316.2 | 2.6 | 17.9 | 1.4 | 115 |
| 2.5 | 28.0 | 1997.3 | 800.0 | 14.1 | -11.2 | 294.7 | 16.0 | 14.6 | -6.7 | 308.4 | 316.2 | 2.3 | 18.6 | 2.2 | 116 |
| 3.8 | 30.7 | 2253.8 | 775.0 | 11.5 | -11.2 | 294.7 | 16.0 | 14.6 | -6.7 | 308.4 | 316.2 | 2.3 | 18.6 | 2.2 | 116 |
| 5.1 | 33.4 | 2506.6 | 750.0 | 9.4 | -11.2 | 294.7 | 16.0 | 14.6 | -6.7 | 308.4 | 316.2 | 2.3 | 18.6 | 2.2 | 116 |
| 6.2 | 36.2 | 2816.1 | 725.0 | 6.6 | -11.2 | 294.7 | 16.0 | 14.6 | -6.7 | 308.4 | 316.2 | 2.3 | 18.6 | 2.2 | 116 |
| 7.4 | 39.1 | 3102.5 | 700.0 | 3.8 | -11.2 | 294.7 | 16.0 | 14.6 | -6.7 | 308.4 | 316.2 | 2.3 | 18.6 | 2.2 | 116 |
| 8.5 | 42.0 | 3398.6 | 675.0 | 1.4 | -11.2 | 294.7 | 16.0 | 14.6 | -6.7 | 308.4 | 316.2 | 2.3 | 18.6 | 2.2 | 116 |
| 9.7 | 44.9 | 3699.2 | 650.0 | -1.1 | -11.2 | 294.7 | 16.0 | 14.6 | -6.7 | 308.4 | 316.2 | 2.3 | 18.6 | 2.2 | 116 |
| 10.8 | 47.9 | 4010.4 | 625.0 | -3.7 | -11.2 | 294.7 | 16.0 | 14.6 | -6.7 | 308.4 | 316.2 | 2.3 | 18.6 | 2.2 | 116 |
| 11.7 | 50.9 | 4331.4 | 600.0 | -6.4 | -11.2 | 294.7 | 16.0 | 14.6 | -6.7 | 308.4 | 316.2 | 2.3 | 18.6 | 2.2 | 116 |
| 12.5 | 53.9 | 4662.9 | 575.0 | -8.4 | -11.2 | 294.7 | 16.0 | 14.6 | -6.7 | 308.4 | 316.2 | 2.3 | 18.6 | 2.2 | 116 |
| 13.5 | 57.0 | 5005.6 | 550.0 | -11.7 | -11.2 | 294.7 | 16.0 | 14.6 | -6.7 | 308.4 | 316.2 | 2.3 | 18.6 | 2.2 | 116 |
| 14.4 | 60.3 | 5350.2 | 525.0 | -14.6 | -11.2 | 294.7 | 16.0 | 14.6 | -6.7 | 308.4 | 316.2 | 2.3 | 18.6 | 2.2 | 116 |
| 15.3 | 63.4 | 5728.0 | 500.0 | -17.1 | -11.2 | 294.7 | 16.0 | 14.6 | -6.7 | 308.4 | 316.2 | 2.3 | 18.6 | 2.2 | 116 |
| 16.3 | 66.7 | 6110.6 | 475.0 | -20.1 | -11.2 | 294.7 | 16.0 | 14.6 | -6.7 | 308.4 | 316.2 | 2.3 | 18.6 | 2.2 | 116 |
| 17.5 | 70.0 | 6509.3 | 450.0 | -22.2 | -11.2 | 294.7 | 16.0 | 14.6 | -6.7 | 308.4 | 316.2 | 2.3 | 18.6 | 2.2 | 116 |
| 19.1 | 73.6 | 6927.3 | 425.0 | -25.2 | -11.2 | 294.7 | 16.0 | 14.6 | -6.7 | 308.4 | 316.2 | 2.3 | 18.6 | 2.2 | 116 |
| 20.9 | 77.0 | 7364.9 | 400.0 | -28.3 | -11.2 | 294.7 | 16.0 | 14.6 | -6.7 | 308.4 | 316.2 | 2.3 | 18.6 | 2.2 | 116 |
| 23.1 | 80.7 | 7824.5 | 375.0 | -32.1 | -11.2 | 294.7 | 16.0 | 14.6 | -6.7 | 308.4 | 316.2 | 2.3 | 18.6 | 2.2 | 116 |
| 25.1 | 84.5 | 8308.9 | 350.0 | -36.7 | -11.2 | 294.7 | 16.0 | 14.6 | -6.7 | 308.4 | 316.2 | 2.3 | 18.6 | 2.2 | 116 |
| 27.0 | 88.4 | 8815.3 | 325.0 | -40.7 | -11.2 | 294.7 | 16.0 | 14.6 | -6.7 | 308.4 | 316.2 | 2.3 | 18.6 | 2.2 | 116 |
| 29.3 | 92.5 | 9356.2 | 300.0 | -44.5 | -11.2 | 294.7 | 16.0 | 14.6 | -6.7 | 308.4 | 316.2 | 2.3 | 18.6 | 2.2 | 116 |
| 31.9 | 96.7 | 9933.1 | 275.0 | -49.1 | -11.2 | 294.7 | 16.0 | 14.6 | -6.7 | 308.4 | 316.2 | 2.3 | 18.6 | 2.2 | 116 |
| 35.0 | 101.2 | 10552.4 | 250.0 | -53.0 | -11.2 | 294.7 | 16.0 | 14.6 | -6.7 | 308.4 | 316.2 | 2.3 | 18.6 | 2.2 | 116 |
| 38.3 | 105.8 | 11230.2 | 225.0 | -56.1 | -11.2 | 294.7 | 16.0 | 14.6 | -6.7 | 308.4 | 316.2 | 2.3 | 18.6 | 2.2 | 116 |
| 40.9 | 110.7 | 11984.9 | 200.0 | -59.1 | -11.2 | 294.7 | 16.0 | 14.6 | -6.7 | 308.4 | 316.2 | 2.3 | 18.6 | 2.2 | 116 |
| 44.5 | 116.0 | 12831.9 | 175.0 | -62.7 | -11.2 | 294.7 | 16.0 | 14.6 | -6.7 | 308.4 | 316.2 | 2.3 | 18.6 | 2.2 | 116 |
| 48.5 | 121.7 | 13809.8 | 150.0 | -66.7 | -11.2 | 294.7 | 16.0 | 14.6 | -6.7 | 308.4 | 316.2 | 2.3 | 18.6 | 2.2 | 116 |
| 53.7 | 128.0 | 14971.3 | 125.0 | -70.7 | -11.2 | 294.7 | 16.0 | 14.6 | -6.7 | 308.4 | 316.2 | 2.3 | 18.6 | 2.2 | 116 |
| 58.9 | 134.7 | 16380.5 | 100.0 | -74.7 | -11.2 | 294.7 | 16.0 | 14.6 | -6.7 | 308.4 | 316.2 | 2.3 | 18.6 | 2.2 | 116 |
| 65.3 | 142.0 | 18172.6 | 75.0 | -78.7 | -11.2 | 294.7 | 16.0 | 14.6 | -6.7 | 308.4 | 316.2 | 2.3 | 18.6 | 2.2 | 116 |
| 74.2 | 150.3 | 20665.9 | 50.0 | -82.7 | -11.2 | 294.7 | 16.0 | 14.6 | -6.7 | 308.4 | 316.2 | 2.3 | 18.6 | 2.2 | 116 |
| 88.0 | 158.7 | 25057.2 | 25.0 | -86.7 | -11.2 | 294.7 | 16.0 | 14.6 | -6.7 | 308.4 | 316.2 | 2.3 | 18.6 | 2.2 | 116 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

ORIGINAL PAGE 19
OF POOR QUALITY

| STATION NO. 274 TUCSON, ARIZONA | | | | | | | | | | | | | | | 151 10. 0 | | |
|------------------------------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|-----------|--|--|
| 24 APRIL 1982 1410 GMT | | | | | | | | | | | | | | | | | |
| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POI T DG K | E POT T DG K | MX RTO CM/KG | RH PCT | RANGE KM | AZ DG | | |
| 0.0 | 14.7 | 787.0 | 925.9 | 12.1 | -3.7 | 140.0 | 5.2 | -3.3 | 4.0 | 291.6 | 300.4 | 3.2 | 33.0 | 0.0 | 0 | | |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999 | | |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999 | | |
| 99.9 | 99.9 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999 | | |
| 0.0 | 14.8 | 795.2 | 925.0 | 12.5 | -2.9 | 165.5 | 4.7 | -1.2 | 4.5 | 292.1 | 301.4 | 3.4 | 34.2 | 0.0 | 0 | | |
| 0.8 | 17.4 | 1025.6 | 900.0 | 15.1 | -5.3 | 222.8 | 2.5 | 1.7 | 1.8 | 297.1 | 305.3 | 2.9 | 24.0 | 0.0 | 0 | | |
| 1.5 | 20.1 | 1264.2 | 875.0 | 14.9 | -5.9 | 267.5 | 1.5 | 1.5 | 0.1 | 299.2 | 307.4 | 2.8 | 23.3 | 0.0 | 0 | | |
| 2.4 | 22.7 | 1508.5 | 850.0 | 13.1 | -6.5 | 300.4 | 4.5 | 3.9 | -2.3 | 299.9 | 307.9 | 2.7 | 24.9 | 0.0 | 0 | | |
| 3.1 | 25.4 | 1758.5 | 825.0 | 11.4 | -7.0 | 302.8 | 5.6 | 4.7 | -3.0 | 300.6 | 308.6 | 2.7 | 26.9 | 0.0 | 0 | | |
| 3.9 | 28.1 | 2014.4 | 800.0 | 9.4 | -6.6 | 303.9 | 5.0 | 4.2 | -2.8 | 301.2 | 309.3 | 2.9 | 31.4 | 0.0 | 0 | | |
| 4.7 | 30.8 | 2276.4 | 775.0 | 6.6 | -7.2 | 311.4 | 4.5 | 3.4 | -3.0 | 300.9 | 309.3 | 2.9 | 36.4 | 0.0 | 0 | | |
| 5.6 | 33.6 | 2544.6 | 750.0 | 4.6 | -7.4 | 337.9 | 4.5 | 1.7 | -4.2 | 301.6 | 310.1 | 2.9 | 41.3 | 0.0 | 0 | | |
| 6.5 | 36.3 | 2819.6 | 725.0 | 2.0 | -7.1 | 352.4 | 6.1 | 0.8 | -6.0 | 301.7 | 310.7 | 3.1 | 51.0 | 0.0 | 0 | | |
| 7.5 | 39.2 | 3101.7 | 700.0 | 0.0 | -10.7 | 357.9 | 8.6 | 0.3 | -8.6 | 302.5 | 309.6 | 2.4 | 44.2 | 0.0 | 0 | | |
| 8.5 | 42.1 | 3392.4 | 675.0 | -2.0 | -9.6 | 357.7 | 8.7 | 0.4 | -8.7 | 303.5 | 311.5 | 2.7 | 55.9 | 0.0 | 0 | | |
| 9.4 | 45.0 | 3691.6 | 650.0 | -3.6 | -14.1 | 341.0 | 7.9 | 2.6 | -7.5 | 304.9 | 310.9 | 2.0 | 44.0 | 0.0 | 0 | | |
| 10.4 | 48.0 | 4001.1 | 625.0 | -4.8 | -14.1 | 310.0 | 8.0 | 6.1 | -5.2 | 308.9 | 309.4 | 0.8 | 18.1 | 0.0 | 0 | | |
| 11.4 | 51.0 | 4321.4 | 600.0 | -6.6 | -27.9 | 290.3 | 10.9 | 10.2 | -3.8 | 308.4 | 310.5 | 0.6 | 16.5 | 0.0 | 0 | | |
| 12.5 | 54.0 | 4652.4 | 575.0 | -8.7 | -29.9 | 286.0 | 12.8 | 12.3 | -3.5 | 309.8 | 311.6 | 0.5 | 15.9 | 0.0 | 0 | | |
| 13.6 | 57.0 | 4995.0 | 550.0 | -11.2 | -32.3 | 289.5 | 13.3 | 12.6 | -4.4 | 310.9 | 312.4 | 0.4 | 15.4 | 0.0 | 0 | | |
| 14.9 | 60.3 | 5339.7 | 525.0 | -14.4 | -34.5 | 288.1 | 14.6 | 12.9 | -4.5 | 311.1 | 312.4 | 0.4 | 16.2 | 0.0 | 0 | | |
| 16.1 | 63.5 | 5717.3 | 500.0 | -17.3 | -37.2 | 288.0 | 16.5 | 15.7 | -5.1 | 312.0 | 313.0 | 0.3 | 15.7 | 0.0 | 0 | | |
| 17.3 | 66.8 | 6100.0 | 475.0 | -19.5 | -39.4 | 289.7 | 18.5 | 17.5 | -6.2 | 313.8 | 314.8 | 0.2 | 15.1 | 0.0 | 0 | | |
| 18.8 | 70.1 | 6499.6 | 450.0 | -22.3 | -41.7 | 289.7 | 19.4 | 18.3 | -6.5 | 315.2 | 316.0 | 0.2 | 15.1 | 0.0 | 0 | | |
| 19.9 | 73.6 | 6917.8 | 425.0 | -24.5 | -43.5 | 285.8 | 21.8 | 21.0 | -5.9 | 317.6 | 318.3 | 0.2 | 15.2 | 0.0 | 0 | | |
| 21.5 | 77.1 | 7356.6 | 400.0 | -27.6 | -45.6 | 282.6 | 23.0 | 22.4 | -5.0 | 319.1 | 319.7 | 0.2 | 16.0 | 0.0 | 0 | | |
| 22.9 | 80.9 | 7818.6 | 375.0 | -31.9 | -48.2 | 283.8 | 24.4 | 23.7 | -5.8 | 319.3 | 319.8 | 0.1 | 18.0 | 0.0 | 0 | | |
| 24.5 | 84.6 | 8301.0 | 350.0 | -35.1 | -51.4 | 289.5 | 25.3 | 23.8 | -5.4 | 321.4 | 321.8 | 0.1 | 17.0 | 0.0 | 0 | | |
| 26.1 | 88.5 | 8813.2 | 325.0 | -39.0 | -59.9 | 289.2 | 23.3 | 22.0 | -5.4 | 323.0 | 323.0 | 99.9 | 99.9 | 99.9 | 999 | | |
| 27.9 | 92.5 | 9357.3 | 300.0 | -42.7 | -59.9 | 285.8 | 26.2 | 25.3 | -7.6 | 325.2 | 325.2 | 99.9 | 99.9 | 99.9 | 999 | | |
| 29.8 | 96.8 | 9939.5 | 275.0 | -46.6 | -59.9 | 279.7 | 29.6 | 29.2 | -5.0 | 327.7 | 327.7 | 99.9 | 99.9 | 99.9 | 999 | | |
| 31.9 | 101.2 | 10566.6 | 250.0 | -50.5 | -59.9 | 275.4 | 33.7 | 33.5 | -3.2 | 331.0 | 331.0 | 99.9 | 99.9 | 99.9 | 999 | | |
| 34.0 | 105.8 | 11249.4 | 225.0 | -53.2 | -59.9 | 277.3 | 35.6 | 35.4 | -4.5 | 337.0 | 337.0 | 99.9 | 99.9 | 99.9 | 999 | | |
| 36.4 | 110.8 | 12001.3 | 200.0 | -56.9 | -59.9 | 277.9 | 33.9 | 33.6 | -4.7 | 342.7 | 342.7 | 99.9 | 99.9 | 99.9 | 999 | | |
| 39.2 | 115.2 | 12846.2 | 175.0 | -57.2 | -59.9 | 278.6 | 30.4 | 30.1 | -4.6 | 355.5 | 355.5 | 99.9 | 99.9 | 99.9 | 999 | | |
| 42.2 | 121.8 | 13920.1 | 150.0 | -57.4 | -59.9 | 275.3 | 26.9 | 26.8 | -2.6 | 371.3 | 371.3 | 99.9 | 99.9 | 99.9 | 999 | | |
| 45.9 | 126.0 | 14967.9 | 125.0 | -56.4 | -59.9 | 265.3 | 22.1 | 22.1 | 1.8 | 392.9 | 392.9 | 99.9 | 99.9 | 99.9 | 999 | | |
| 50.4 | 134.7 | 16375.6 | 100.0 | -58.8 | -59.9 | 265.5 | 16.0 | 16.0 | 1.3 | 414.2 | 414.2 | 99.9 | 99.9 | 99.9 | 999 | | |
| 56.0 | 142.3 | 18164.2 | 75.0 | -60.9 | -59.9 | 255.3 | 8.2 | 7.9 | 0.7 | 445.3 | 445.3 | 99.9 | 99.9 | 99.9 | 999 | | |
| 63.1 | 150.5 | 20677.7 | 50.0 | -59.7 | -59.9 | 348.1 | 3.4 | 0.7 | -3.4 | 502.8 | 502.8 | 99.9 | 99.9 | 99.9 | 999 | | |
| 74.2 | 159.0 | 25088.0 | 25.0 | -53.8 | -59.9 | 294.1 | 3.2 | 2.9 | -1.3 | 630.0 | 630.0 | 99.9 | 99.9 | 99.9 | 999 | | |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 ** BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 *** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
 **** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

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OF POOR QUALITY

STATION NO. 274
TUCSON, ARIZONA

24 APRIL 1982
1705 GMT

102 187 0

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 13.6 | 787.0 | 926.5 | 21.0 | -4.2 | 230.0 | 2.6 | 2.0 | 1.7 | 300.7 | 309.4 | 3.0 | 18.0 | 0 | 0 |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999 |
| 99.9 | 99.9 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999 |
| 0.0 | 13.8 | 801.0 | 925.0 | 20.5 | -6.9 | 999.9 | 99.9 | 99.9 | 99.9 | 300.3 | 337.7 | 2.5 | 15.4 | 999.9 | 999 |
| 0.8 | 16.1 | 1036.0 | 900.0 | 18.5 | -11.7 | 999.9 | 99.9 | 99.9 | 99.9 | 300.6 | 335.7 | 1.7 | 11.7 | 999.9 | 999 |
| 1.6 | 18.4 | 1276.0 | 875.0 | 16.5 | -13.2 | 999.9 | 99.9 | 99.9 | 99.9 | 301.0 | 305.7 | 1.6 | 11.8 | 999.9 | 999 |
| 2.5 | 20.8 | 1521.2 | 850.0 | 14.2 | -14.5 | 999.9 | 99.9 | 99.9 | 99.9 | 301.0 | 305.5 | 1.5 | 12.5 | 999.9 | 999 |
| 3.4 | 23.2 | 1771.7 | 825.0 | 11.8 | -15.3 | 305.2 | 3.1 | 2.5 | -2.0 | 301.0 | 305.4 | 1.4 | 13.3 | 0 | 6 |
| 4.3 | 25.6 | 2027.9 | 800.0 | 9.7 | -15.5 | 318.0 | 4.8 | 3.2 | -3.5 | 301.5 | 305.8 | 1.4 | 15.2 | 0 | 8 |
| 5.2 | 28.2 | 2289.9 | 775.0 | 7.2 | -15.9 | 322.7 | 5.8 | 3.5 | -4.6 | 301.5 | 307.3 | 2.1 | 16.3 | 1 | 1 |
| 6.0 | 30.7 | 2558.2 | 750.0 | 4.6 | -17.5 | 323.9 | 6.0 | 3.5 | -4.8 | 301.5 | 309.3 | 2.6 | 17.3 | 1 | 1 |
| 6.9 | 33.2 | 2833.1 | 725.0 | 2.3 | -18.7 | 328.1 | 6.4 | 3.4 | -5.9 | 302.0 | 309.6 | 2.4 | 18.3 | 1 | 1 |
| 7.9 | 35.9 | 3115.3 | 700.0 | 0.1 | -19.5 | 338.4 | 6.5 | 3.4 | -5.5 | 302.6 | 310.1 | 2.4 | 19.3 | 1 | 1 |
| 9.0 | 38.5 | 3405.9 | 675.0 | -1.8 | -20.6 | 359.4 | 6.1 | 3.7 | -5.5 | 303.6 | 308.0 | 0.7 | 20.4 | 2 | 3 |
| 10.1 | 41.3 | 3705.5 | 650.0 | -2.7 | -21.7 | 372.9 | 5.6 | 3.7 | -5.7 | 305.9 | 308.3 | 0.5 | 21.7 | 2 | 3 |
| 11.3 | 44.2 | 4014.9 | 625.0 | -3.1 | -22.7 | 386.5 | 5.6 | 3.7 | -5.7 | 308.6 | 310.5 | 0.4 | 23.3 | 3 | 2 |
| 12.3 | 47.1 | 4334.2 | 600.0 | -3.0 | -23.8 | 393.2 | 5.4 | 3.5 | -5.4 | 309.5 | 312.2 | 0.3 | 24.6 | 3 | 2 |
| 13.4 | 50.1 | 4664.9 | 575.0 | -3.2 | -24.2 | 397.0 | 5.4 | 3.4 | -5.4 | 309.5 | 314.3 | 0.3 | 25.8 | 4 | 6 |
| 14.5 | 53.1 | 5005.9 | 550.0 | -3.6 | -25.2 | 399.3 | 5.2 | 3.4 | -5.4 | 311.5 | 316.2 | 0.2 | 27.2 | 5 | 3 |
| 15.8 | 56.3 | 5331.0 | 525.0 | -4.1 | -26.2 | 399.3 | 5.2 | 3.4 | -5.4 | 313.6 | 318.8 | 0.2 | 28.8 | 6 | 2 |
| 17.0 | 59.8 | 5730.2 | 500.0 | -4.6 | -27.2 | 399.3 | 5.2 | 3.4 | -5.4 | 315.2 | 321.8 | 0.1 | 30.2 | 7 | 2 |
| 18.3 | 62.9 | 6114.7 | 475.0 | -5.1 | -28.2 | 399.3 | 5.2 | 3.4 | -5.4 | 317.4 | 324.4 | 0.1 | 31.8 | 8 | 8 |
| 19.6 | 66.3 | 6515.7 | 450.0 | -5.6 | -29.2 | 399.3 | 5.2 | 3.4 | -5.4 | 319.1 | 326.4 | 0.1 | 33.5 | 9 | 0 |
| 21.0 | 70.0 | 6934.1 | 425.0 | -6.1 | -30.2 | 399.3 | 5.2 | 3.4 | -5.4 | 320.3 | 328.5 | 0.1 | 35.2 | 10 | 5 |
| 22.4 | 73.7 | 7372.7 | 400.0 | -6.6 | -31.2 | 399.3 | 5.2 | 3.4 | -5.4 | 321.0 | 329.9 | 0.1 | 37.0 | 11 | 5 |
| 24.0 | 77.7 | 7833.5 | 375.0 | -7.1 | -32.2 | 399.3 | 5.2 | 3.4 | -5.4 | 322.2 | 331.2 | 0.1 | 38.8 | 12 | 0 |
| 25.6 | 81.7 | 8317.9 | 350.0 | -7.6 | -33.2 | 399.3 | 5.2 | 3.4 | -5.4 | 322.2 | 332.2 | 0.1 | 40.6 | 13 | 3 |
| 27.4 | 86.0 | 8828.8 | 325.0 | -8.1 | -34.2 | 399.3 | 5.2 | 3.4 | -5.4 | 324.4 | 334.3 | 0.1 | 42.4 | 14 | 5 |
| 29.2 | 90.4 | 9372.0 | 300.0 | -8.6 | -35.2 | 399.3 | 5.2 | 3.4 | -5.4 | 326.4 | 336.3 | 0.1 | 44.2 | 15 | 3 |
| 31.1 | 95.2 | 9952.2 | 275.0 | -9.1 | -36.2 | 399.3 | 5.2 | 3.4 | -5.4 | 328.5 | 338.3 | 0.1 | 46.0 | 16 | 3 |
| 33.1 | 100.0 | 10577.9 | 250.0 | -9.6 | -37.2 | 399.3 | 5.2 | 3.4 | -5.4 | 330.5 | 340.3 | 0.1 | 47.8 | 17 | 3 |
| 35.5 | 105.4 | 11259.0 | 225.0 | -10.1 | -38.2 | 399.3 | 5.2 | 3.4 | -5.4 | 332.5 | 342.3 | 0.1 | 49.6 | 18 | 3 |
| 38.1 | 111.0 | 12010.2 | 200.0 | -10.6 | -39.2 | 399.3 | 5.2 | 3.4 | -5.4 | 334.5 | 344.3 | 0.1 | 51.4 | 19 | 3 |
| 39.9 | 99.9 | 99.9 | 175.0 | -11.1 | -40.2 | 399.3 | 5.2 | 3.4 | -5.4 | 336.5 | 346.3 | 0.1 | 53.2 | 20 | 3 |
| 99.9 | 99.9 | 99.9 | 150.0 | -11.6 | -41.2 | 399.3 | 5.2 | 3.4 | -5.4 | 338.5 | 348.3 | 0.1 | 55.0 | 21 | 3 |
| 99.9 | 99.9 | 99.9 | 125.0 | -12.1 | -42.2 | 399.3 | 5.2 | 3.4 | -5.4 | 340.5 | 350.3 | 0.1 | 56.8 | 22 | 3 |
| 99.9 | 99.9 | 99.9 | 100.0 | -12.6 | -43.2 | 399.3 | 5.2 | 3.4 | -5.4 | 342.5 | 352.3 | 0.1 | 58.6 | 23 | 3 |
| 99.9 | 99.9 | 99.9 | 75.0 | -13.1 | -44.2 | 399.3 | 5.2 | 3.4 | -5.4 | 344.5 | 354.3 | 0.1 | 60.4 | 24 | 3 |
| 99.9 | 99.9 | 99.9 | 50.0 | -13.6 | -45.2 | 399.3 | 5.2 | 3.4 | -5.4 | 346.5 | 356.3 | 0.1 | 62.2 | 25 | 3 |
| 99.9 | 99.9 | 99.9 | 25.0 | -14.1 | -46.2 | 399.3 | 5.2 | 3.4 | -5.4 | 348.5 | 358.3 | 0.1 | 64.0 | 26 | 3 |
| 99.9 | 99.9 | 99.9 | 25.0 | -14.6 | -47.2 | 399.3 | 5.2 | 3.4 | -5.4 | 350.5 | 360.3 | 0.1 | 65.8 | 27 | 3 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

| STATION NO. 274 TUCSON, ARIZONA | | | | | | | | | | | | | | | 24 APRIL 1982 | | | 2010 GMT | | | 154 11. 0 | | |
|------------------------------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|---------------|--|--|----------|--|--|-----------|--|--|
| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG | | | | | | | | |
| 0.0 | 14.2 | 787.0 | 925.2 | 25.3 | -1.5 | 360.0 | 3.6 | 0.0 | -3.6 | 305.2 | 316.0 | 3.7 | 17.0 | 0.0 | 0 | | | | | | | | |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999 | | | | | | | | |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999 | | | | | | | | |
| 99.9 | 99.9 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999 | | | | | | | | |
| 0.0 | 14.2 | 788.9 | 925.0 | 25.3 | -1.5 | 359.3 | 3.6 | 0.0 | -3.6 | 305.2 | 316.0 | 3.7 | 17.0 | 0.0 | 4 | | | | | | | | |
| 0.6 | 16.5 | 1028.4 | 900.0 | 22.7 | -3.9 | 330.7 | 3.9 | 1.9 | -3.4 | 305.0 | 314.3 | 3.2 | 16.6 | 0.1 | 157 | | | | | | | | |
| 1.2 | 18.9 | 1271.7 | 875.0 | 20.0 | -5.3 | 325.6 | 4.4 | 2.5 | -3.7 | 304.6 | 313.2 | 2.9 | 17.6 | 0.3 | 153 | | | | | | | | |
| 1.7 | 21.3 | 1519.9 | 850.0 | 17.2 | -6.4 | 322.0 | 4.4 | 2.7 | -3.4 | 304.1 | 312.5 | 2.8 | 19.7 | 0.4 | 149 | | | | | | | | |
| 2.2 | 23.7 | 1773.1 | 825.0 | 14.6 | -7.6 | 325.8 | 4.0 | 2.2 | -3.3 | 304.1 | 312.5 | 2.9 | 22.8 | 0.5 | 147 | | | | | | | | |
| 2.7 | 26.2 | 2031.6 | 800.0 | 11.8 | -7.6 | 324.5 | 4.5 | 2.6 | -3.6 | 303.6 | 311.5 | 2.7 | 25.1 | 0.7 | 147 | | | | | | | | |
| 3.2 | 28.7 | 2295.9 | 775.0 | 8.9 | -7.6 | 317.5 | 5.3 | 3.5 | -3.9 | 304.0 | 312.2 | 2.8 | 29.2 | 0.8 | 146 | | | | | | | | |
| 3.7 | 31.2 | 2568.5 | 750.0 | 6.3 | -7.8 | 312.8 | 5.1 | 3.7 | -3.4 | 304.0 | 312.4 | 2.8 | 34.3 | 1.0 | 144 | | | | | | | | |
| 4.7 | 33.9 | 2843.3 | 725.0 | 3.8 | -8.0 | 303.9 | 5.1 | 4.2 | -2.8 | 303.7 | 312.1 | 2.9 | 41.5 | 1.2 | 141 | | | | | | | | |
| 5.4 | 36.6 | 3128.9 | 700.0 | 1.0 | -8.4 | 294.0 | 5.5 | 5.0 | -2.2 | 303.6 | 312.1 | 3.0 | 49.5 | 1.4 | 137 | | | | | | | | |
| 6.3 | 39.2 | 3418.0 | 675.0 | -1.5 | -8.5 | 289.8 | 5.7 | 5.3 | -1.9 | 304.0 | 312.8 | 3.0 | 58.7 | 1.7 | 133 | | | | | | | | |
| 7.2 | 42.0 | 3716.9 | 650.0 | -4.4 | -10.1 | 293.5 | 6.4 | 5.9 | -2.5 | 304.0 | 312.8 | 2.7 | 64.4 | 2.0 | 129 | | | | | | | | |
| 8.4 | 44.9 | 4025.1 | 625.0 | -5.3 | -22.8 | 304.9 | 7.2 | 5.9 | -4.1 | 306.4 | 310.1 | 0.7 | 73.7 | 2.5 | 127 | | | | | | | | |
| 9.6 | 47.9 | 4344.8 | 600.0 | -7.2 | -26.7 | 309.0 | 8.5 | 6.6 | -5.3 | 307.8 | 309.4 | 0.7 | 83.7 | 3.1 | 128 | | | | | | | | |
| 10.9 | 50.9 | 4674.7 | 575.0 | -9.7 | -29.3 | 300.3 | 10.6 | 9.2 | -5.4 | 308.7 | 310.6 | 0.6 | 94.2 | 3.7 | 127 | | | | | | | | |
| 11.9 | 53.9 | 5016.8 | 550.0 | -11.4 | -31.4 | 295.6 | 13.3 | 12.0 | -5.7 | 310.5 | 312.2 | 0.5 | 104.5 | 4.5 | 126 | | | | | | | | |
| 12.9 | 57.1 | 5372.1 | 525.0 | -13.1 | -33.1 | 295.1 | 15.0 | 13.6 | -6.4 | 312.6 | 314.1 | 0.4 | 114.8 | 5.4 | 124 | | | | | | | | |
| 14.3 | 60.4 | 5742.3 | 500.0 | -15.4 | -34.5 | 296.6 | 17.9 | 16.0 | -7.2 | 314.3 | 315.6 | 0.4 | 124.8 | 6.6 | 122 | | | | | | | | |
| 15.6 | 63.9 | 6127.5 | 475.0 | -18.3 | -37.3 | 296.4 | 18.7 | 16.8 | -8.1 | 315.3 | 315.5 | 0.3 | 134.8 | 8.0 | 121 | | | | | | | | |
| 16.9 | 67.3 | 6529.1 | 450.0 | -21.2 | -38.7 | 296.4 | 19.6 | 18.2 | -8.3 | 315.5 | 317.8 | 0.3 | 144.8 | 9.4 | 121 | | | | | | | | |
| 18.3 | 70.9 | 6948.7 | 425.0 | -23.7 | -41.4 | 293.2 | 21.7 | 19.9 | -7.8 | 318.6 | 319.4 | 0.2 | 154.8 | 11.0 | 120 | | | | | | | | |
| 19.7 | 74.7 | 7388.5 | 400.0 | -27.4 | -40.2 | 293.2 | 22.6 | 19.9 | -7.8 | 318.6 | 320.4 | 0.3 | 164.8 | 12.7 | 119 | | | | | | | | |
| 21.3 | 78.7 | 7849.5 | 375.0 | -31.3 | -41.8 | 291.2 | 25.2 | 21.1 | -8.2 | 320.2 | 321.1 | 0.3 | 174.8 | 14.8 | 118 | | | | | | | | |
| 22.8 | 82.8 | 8333.7 | 350.0 | -35.5 | -46.4 | 287.4 | 28.4 | 24.0 | -7.5 | 322.5 | 321.5 | 0.2 | 184.8 | 16.9 | 117 | | | | | | | | |
| 24.5 | 87.0 | 8845.7 | 325.0 | -39.3 | -50.8 | 286.5 | 29.1 | 27.7 | -8.1 | 324.6 | 322.9 | 0.1 | 194.8 | 19.7 | 116 | | | | | | | | |
| 26.2 | 91.6 | 9390.6 | 300.0 | -43.1 | -59.9 | 287.7 | 28.4 | 27.3 | -8.9 | 324.6 | 322.9 | 99.9 | 204.8 | 22.5 | 114 | | | | | | | | |
| 28.1 | 96.4 | 9971.3 | 275.0 | -47.5 | -69.9 | 285.6 | 31.2 | 30.2 | -7.6 | 326.4 | 322.9 | 99.9 | 214.8 | 25.8 | 114 | | | | | | | | |
| 30.2 | 101.4 | 10593.6 | 250.0 | -52.7 | -69.9 | 285.7 | 28.4 | 27.3 | -8.9 | 326.4 | 322.9 | 99.9 | 224.8 | 29.4 | 112 | | | | | | | | |
| 32.3 | 106.8 | 11271.7 | 225.0 | -54.8 | -69.9 | 286.8 | 32.4 | 31.0 | -9.4 | 327.7 | 322.9 | 99.9 | 234.8 | 33.5 | 112 | | | | | | | | |
| 34.6 | 112.4 | 12021.5 | 200.0 | -57.2 | -69.9 | 285.7 | 29.7 | 28.5 | -8.0 | 324.5 | 322.9 | 99.9 | 244.8 | 37.9 | 111 | | | | | | | | |
| 37.1 | 118.7 | 12861.7 | 175.0 | -57.3 | -69.9 | 279.0 | 25.9 | 25.6 | -4.7 | 322.2 | 322.9 | 99.9 | 254.8 | 42.5 | 110 | | | | | | | | |
| 40.2 | 124.7 | 13839.7 | 150.0 | -55.9 | -69.9 | 270.5 | 22.5 | 22.2 | -0.2 | 323.8 | 322.9 | 99.9 | 264.8 | 47.1 | 109 | | | | | | | | |
| 43.4 | 131.5 | 14997.6 | 125.0 | -55.8 | -69.9 | 268.1 | 16.3 | 16.2 | 0.7 | 323.9 | 322.9 | 99.9 | 274.8 | 52.1 | 106 | | | | | | | | |
| 47.6 | 138.7 | 16412.0 | 100.0 | -57.7 | -69.9 | 263.8 | 9.3 | 9.3 | 1.7 | 416.4 | 322.9 | 99.9 | 284.8 | 56.2 | 105 | | | | | | | | |
| 53.0 | 146.3 | 18213.1 | 75.0 | -57.8 | -69.9 | 266.2 | 3.9 | 3.9 | 0.6 | 447.5 | 322.9 | 99.9 | 294.8 | 59.8 | 104 | | | | | | | | |
| 59.9 | 154.3 | 20729.3 | 50.0 | -58.7 | -69.9 | 268.2 | 99.9 | 99.9 | 0.1 | 505.3 | 322.9 | 99.9 | 304.8 | 61.0 | 104 | | | | | | | | |
| 70.4 | 162.3 | 25185.1 | 25.0 | -50.4 | -69.9 | 99.9 | 99.9 | 99.9 | 99.9 | 540.3 | 322.9 | 99.9 | 314.8 | 60.8 | 104 | | | | | | | | |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 ** BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 *** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
 **** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

STATION NO. 274
TUCSON, ARIZONA

25 APRIL 1962
215 GMT

153 9. 0

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT DG K | MX RIO GM/KG | RH PCT | RANGE NM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|---------------|-----------------|-----------|-------------|----------|
| 0.0 | 13.9 | 787.0 | 921.8 | 24.0 | -6.1 | 290.0 | 6.2 | 5.8 | -2.1 | 304.2 | 312.0 | 2.6 | 13.0 | 0 | 0 |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999 |
| 99.9 | 99.9 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999 |
| 99.9 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999 |
| 0.6 | 15.8 | 995.8 | 900.0 | 23.2 | -3.8 | 999.9 | 99.9 | 99.9 | 99.9 | 305.4 | 314.9 | 3.2 | 16.2 | 999.9 | 999 |
| 1.4 | 18.1 | 1239.9 | 875.0 | 21.5 | -5.2 | 999.9 | 99.9 | 99.9 | 99.9 | 306.2 | 315.0 | 3.0 | 16.5 | 999.9 | 999 |
| 2.2 | 20.4 | 1489.3 | 850.0 | 18.9 | -7.0 | 289.4 | 6.9 | 6.5 | -2.3 | 306.0 | 313.9 | 2.7 | 16.5 | 999.9 | 999 |
| 3.1 | 22.7 | 1743.9 | 825.0 | 16.1 | -7.3 | 286.3 | 6.8 | 6.6 | -2.3 | 305.6 | 313.0 | 2.5 | 17.8 | 1.4 | 108 |
| 3.9 | 25.1 | 2003.9 | 800.0 | 13.6 | -10.2 | 286.9 | 7.0 | 6.7 | -2.0 | 305.6 | 312.5 | 2.2 | 18.8 | 2.1 | 107 |
| 4.8 | 27.5 | 2270.2 | 775.0 | 11.6 | -11.4 | 288.0 | 7.0 | 6.7 | -2.2 | 306.3 | 312.5 | 2.1 | 18.8 | 2.1 | 108 |
| 5.6 | 29.9 | 2542.7 | 750.0 | 9.7 | -11.6 | 290.5 | 6.6 | 6.2 | -2.3 | 306.0 | 312.5 | 2.1 | 22.4 | 2.8 | 108 |
| 6.5 | 32.4 | 2821.7 | 725.0 | 5.9 | -11.5 | 288.8 | 6.9 | 6.5 | -2.2 | 306.0 | 312.5 | 2.1 | 27.2 | 3.2 | 108 |
| 7.5 | 35.0 | 3107.4 | 700.0 | 2.8 | -12.2 | 285.5 | 7.1 | 6.8 | -1.9 | 305.7 | 312.2 | 2.1 | 32.0 | 3.7 | 107 |
| 8.5 | 37.6 | 3400.5 | 675.0 | 0.2 | -12.8 | 279.3 | 7.4 | 7.3 | -1.2 | 305.9 | 312.2 | 2.1 | 36.8 | 4.2 | 105 |
| 9.6 | 40.3 | 3701.4 | 650.0 | -2.6 | -13.4 | 274.4 | 7.1 | 7.0 | -0.5 | 306.0 | 312.4 | 2.1 | 43.2 | 4.7 | 105 |
| 10.9 | 42.0 | 4010.7 | 625.0 | -5.4 | -14.0 | 276.5 | 7.5 | 7.4 | -0.9 | 306.3 | 312.6 | 1.8 | 50.4 | 5.2 | 104 |
| 12.1 | 45.9 | 4329.3 | 600.0 | -8.5 | -16.2 | 283.6 | 8.9 | 8.7 | -2.1 | 306.3 | 311.7 | 0.5 | 53.6 | 5.7 | 105 |
| 13.1 | 48.8 | 4558.5 | 575.0 | -9.5 | -16.2 | 295.0 | 11.5 | 10.5 | -4.9 | 308.9 | 310.7 | 0.5 | 53.6 | 6.7 | 107 |
| 14.3 | 51.8 | 4801.6 | 550.0 | -10.4 | -30.1 | 301.0 | 13.5 | 11.6 | -7.0 | 311.8 | 313.4 | 0.5 | 53.6 | 7.7 | 109 |
| 15.4 | 54.8 | 5051.6 | 525.0 | -12.5 | -31.7 | 301.2 | 15.8 | 13.5 | -8.2 | 313.5 | 315.2 | 0.9 | 53.6 | 8.9 | 110 |
| 16.7 | 58.0 | 5358.3 | 500.0 | -15.3 | -26.5 | 295.7 | 16.7 | 15.1 | -7.3 | 314.4 | 317.3 | 0.8 | 37.5 | 10.3 | 110 |
| 18.9 | 61.3 | 6113.9 | 475.0 | -18.3 | -27.7 | 286.1 | 19.0 | 18.3 | -5.3 | 315.3 | 318.1 | 0.7 | 43.0 | 12.2 | 109 |
| 19.6 | 64.7 | 6514.5 | 450.0 | -21.7 | -30.6 | 281.6 | 21.5 | 21.0 | -4.3 | 316.0 | 318.2 | 0.3 | 44.3 | 14.3 | 108 |
| 21.2 | 68.3 | 6933.9 | 425.0 | -24.5 | -37.8 | 282.8 | 20.7 | 19.7 | -6.3 | 317.6 | 318.8 | 0.2 | 27.5 | 16.2 | 109 |
| 22.7 | 71.9 | 7372.4 | 400.0 | -28.0 | -45.8 | 287.6 | 22.8 | 21.0 | -8.7 | 318.6 | 319.1 | 0.1 | 16.2 | 18.5 | 109 |
| 24.3 | 75.7 | 7822.4 | 375.0 | -31.7 | -48.9 | 288.8 | 25.6 | 27.1 | -9.2 | 319.6 | 320.0 | 0.1 | 16.4 | 21.5 | 109 |
| 25.8 | 79.8 | 8316.6 | 350.0 | -35.4 | -51.3 | 285.9 | 32.2 | 31.0 | -8.8 | 321.1 | 321.4 | 99.9 | 99.9 | 25.2 | 108 |
| 27.7 | 84.0 | 8827.6 | 325.0 | -39.5 | 99.9 | 286.5 | 31.6 | 30.3 | -9.0 | 322.2 | 321.9 | 99.9 | 99.9 | 28.5 | 108 |
| 29.6 | 88.4 | 9369.6 | 300.0 | -44.4 | 99.9 | 287.5 | 31.0 | 29.6 | -9.4 | 322.9 | 322.7 | 99.9 | 99.9 | 32.5 | 108 |
| 31.5 | 93.0 | 9946.7 | 275.0 | -48.0 | 99.9 | 293.9 | 37.9 | 34.6 | -15.3 | 325.7 | 325.9 | 99.9 | 99.9 | 37.2 | 109 |
| 33.5 | 98.0 | 10568.0 | 250.0 | -52.2 | 99.9 | 295.3 | 40.3 | 36.4 | -17.2 | 328.4 | 328.4 | 99.9 | 99.9 | 42.6 | 110 |
| 35.8 | 103.2 | 11245.0 | 225.0 | -56.5 | 99.9 | 291.6 | 39.0 | 36.3 | -14.4 | 331.9 | 329.9 | 99.9 | 99.9 | 48.4 | 110 |
| 38.3 | 108.8 | 11988.0 | 200.0 | -58.8 | 99.9 | 287.5 | 37.7 | 36.0 | -11.3 | 339.7 | 339.7 | 99.9 | 99.9 | 54.8 | 109 |
| 41.3 | 114.7 | 12834.9 | 175.0 | -57.0 | 99.9 | 281.1 | 34.4 | 33.8 | -6.7 | 335.8 | 335.8 | 99.9 | 99.9 | 60.4 | 109 |
| 44.4 | 121.2 | 13814.4 | 150.0 | -55.5 | 99.9 | 286.1 | 27.9 | 26.8 | -7.7 | 374.4 | 374.4 | 99.9 | 99.9 | 65.6 | 109 |
| 47.8 | 125.0 | 14868.7 | 125.0 | -58.8 | 99.9 | 283.6 | 24.1 | 23.5 | -5.7 | 388.6 | 388.6 | 99.9 | 99.9 | 72.4 | 107 |
| 53.0 | 135.3 | 16368.6 | 100.0 | -62.6 | 99.9 | 272.6 | 20.6 | 20.6 | -0.9 | 414.2 | 414.2 | 99.9 | 99.9 | 76.8 | 107 |
| 58.7 | 143.3 | 18153.2 | 75.0 | -62.6 | 99.9 | 272.6 | 11.7 | 11.7 | -0.5 | 502.7 | 502.7 | 99.9 | 99.9 | 77.9 | 107 |
| 65.9 | 151.3 | 20653.3 | 50.0 | -59.8 | 99.9 | 33.1 | 4.7 | -2.6 | 5.1 | 631.3 | 631.3 | 99.9 | 99.9 | 77.9 | 107 |
| 77.8 | 159.7 | 25061.3 | 25.0 | -53.5 | 99.9 | 181.3 | 5.4 | -1.7 | | | | | | | |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 8 AND 10 DEG
 ** BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 *** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
 **** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 274
TUCSON, ARIZONA
25 APRIL 1982
515 GMT

| TIME MIN | ONTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 12.8 | 787.0 | 923.8 | 19.6 | -5.3 | 290.0 | 4.1 | 3.9 | -1.4 | 299.5 | 307.5 | 2.8 | 18.0 | 0.0 | 0 |
| 99.9 | 93.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999 |
| 99.9 | 99.9 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999 |
| 99.9 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999 |
| 0.7 | 15.0 | 1012.2 | 900.0 | 20.5 | -7.0 | 999.9 | 99.9 | 99.9 | 99.9 | 302.7 | 310.8 | 2.8 | 16.6 | 999.9 | 999 |
| 1.5 | 17.4 | 1254.4 | 875.0 | 18.9 | -8.3 | 999.9 | 99.9 | 99.9 | 99.9 | 303.4 | 311.0 | 2.6 | 17.4 | 999.9 | 999 |
| 2.3 | 19.8 | 1501.6 | 850.0 | 16.5 | -9.4 | 999.9 | 99.9 | 99.9 | 99.9 | 304.3 | 311.1 | 2.4 | 17.8 | 999.9 | 999 |
| 3.9 | 22.2 | 1754.6 | 825.0 | 14.9 | -10.6 | 999.9 | 99.9 | 99.9 | 99.9 | 304.5 | 310.6 | 2.3 | 19.1 | 999.9 | 999 |
| 4.7 | 24.6 | 2013.4 | 800.0 | 12.2 | -11.0 | 999.9 | 99.9 | 99.9 | 99.9 | 304.7 | 310.6 | 2.1 | 19.1 | 999.9 | 999 |
| 5.3 | 27.1 | 2277.6 | 775.0 | 9.2 | -11.0 | 999.9 | 99.9 | 99.9 | 99.9 | 304.7 | 310.6 | 2.1 | 19.1 | 999.9 | 999 |
| 6.3 | 29.7 | 2548.0 | 750.0 | 6.9 | -11.4 | 999.9 | 99.9 | 99.9 | 99.9 | 304.7 | 310.6 | 2.1 | 19.1 | 999.9 | 999 |
| 7.1 | 32.2 | 2825.0 | 725.0 | 3.9 | -12.3 | 999.9 | 99.9 | 99.9 | 99.9 | 304.7 | 310.6 | 2.1 | 19.1 | 999.9 | 999 |
| 8.0 | 34.9 | 3108.7 | 700.0 | 1.1 | -13.1 | 999.9 | 99.9 | 99.9 | 99.9 | 304.7 | 310.6 | 2.1 | 19.1 | 999.9 | 999 |
| 8.9 | 37.6 | 3400.5 | 675.0 | -1.1 | -13.1 | 999.9 | 99.9 | 99.9 | 99.9 | 304.7 | 310.6 | 2.1 | 19.1 | 999.9 | 999 |
| 10.0 | 40.4 | 3700.1 | 650.0 | -4.0 | -13.1 | 999.9 | 99.9 | 99.9 | 99.9 | 304.7 | 310.6 | 2.1 | 19.1 | 999.9 | 999 |
| 10.9 | 43.2 | 4008.9 | 625.0 | -6.2 | -13.1 | 999.9 | 99.9 | 99.9 | 99.9 | 304.7 | 310.6 | 2.1 | 19.1 | 999.9 | 999 |
| 12.0 | 46.1 | 4329.7 | 600.0 | -9.0 | -13.1 | 999.9 | 99.9 | 99.9 | 99.9 | 304.7 | 310.6 | 2.1 | 19.1 | 999.9 | 999 |
| 13.1 | 49.1 | 4660.8 | 575.0 | -11.3 | -13.1 | 999.9 | 99.9 | 99.9 | 99.9 | 304.7 | 310.6 | 2.1 | 19.1 | 999.9 | 999 |
| 14.3 | 52.1 | 5003.2 | 550.0 | -14.4 | -13.1 | 999.9 | 99.9 | 99.9 | 99.9 | 304.7 | 310.6 | 2.1 | 19.1 | 999.9 | 999 |
| 15.4 | 55.4 | 5326.2 | 525.0 | -17.6 | -13.1 | 999.9 | 99.9 | 99.9 | 99.9 | 304.7 | 310.6 | 2.1 | 19.1 | 999.9 | 999 |
| 16.4 | 58.6 | 5649.6 | 500.0 | -21.1 | -13.1 | 999.9 | 99.9 | 99.9 | 99.9 | 304.7 | 310.6 | 2.1 | 19.1 | 999.9 | 999 |
| 17.7 | 62.0 | 6076.6 | 475.0 | -24.7 | -13.1 | 999.9 | 99.9 | 99.9 | 99.9 | 304.7 | 310.6 | 2.1 | 19.1 | 999.9 | 999 |
| 19.2 | 65.4 | 6504.1 | 450.0 | -27.2 | -13.1 | 999.9 | 99.9 | 99.9 | 99.9 | 304.7 | 310.6 | 2.1 | 19.1 | 999.9 | 999 |
| 20.7 | 69.0 | 6918.2 | 425.0 | -29.4 | -13.1 | 999.9 | 99.9 | 99.9 | 99.9 | 304.7 | 310.6 | 2.1 | 19.1 | 999.9 | 999 |
| 22.2 | 72.7 | 7353.5 | 400.0 | -31.7 | -13.1 | 999.9 | 99.9 | 99.9 | 99.9 | 304.7 | 310.6 | 2.1 | 19.1 | 999.9 | 999 |
| 23.7 | 76.7 | 7812.5 | 375.0 | -35.6 | -13.1 | 999.9 | 99.9 | 99.9 | 99.9 | 304.7 | 310.6 | 2.1 | 19.1 | 999.9 | 999 |
| 25.4 | 80.7 | 8296.4 | 350.0 | -39.6 | -13.1 | 999.9 | 99.9 | 99.9 | 99.9 | 304.7 | 310.6 | 2.1 | 19.1 | 999.9 | 999 |
| 27.3 | 84.4 | 8807.1 | 325.0 | -43.1 | -13.1 | 999.9 | 99.9 | 99.9 | 99.9 | 304.7 | 310.6 | 2.1 | 19.1 | 999.9 | 999 |
| 29.3 | 88.0 | 9331.3 | 300.0 | -47.3 | -13.1 | 999.9 | 99.9 | 99.9 | 99.9 | 304.7 | 310.6 | 2.1 | 19.1 | 999.9 | 999 |
| 31.4 | 91.8 | 9850.9 | 275.0 | -51.5 | -13.1 | 999.9 | 99.9 | 99.9 | 99.9 | 304.7 | 310.6 | 2.1 | 19.1 | 999.9 | 999 |
| 33.9 | 95.8 | 10356.7 | 250.0 | -55.3 | -13.1 | 999.9 | 99.9 | 99.9 | 99.9 | 304.7 | 310.6 | 2.1 | 19.1 | 999.9 | 999 |
| 36.5 | 104.0 | 11234.7 | 225.0 | -59.3 | -13.1 | 999.9 | 99.9 | 99.9 | 99.9 | 304.7 | 310.6 | 2.1 | 19.1 | 999.9 | 999 |
| 39.1 | 109.6 | 11982.4 | 200.0 | -63.3 | -13.1 | 999.9 | 99.9 | 99.9 | 99.9 | 304.7 | 310.6 | 2.1 | 19.1 | 999.9 | 999 |
| 41.8 | 115.5 | 12822.1 | 175.0 | -67.2 | -13.1 | 999.9 | 99.9 | 99.9 | 99.9 | 304.7 | 310.6 | 2.1 | 19.1 | 999.9 | 999 |
| 45.4 | 121.7 | 13788.2 | 150.0 | -71.2 | -13.1 | 999.9 | 99.9 | 99.9 | 99.9 | 304.7 | 310.6 | 2.1 | 19.1 | 999.9 | 999 |
| 50.0 | 128.5 | 14936.2 | 125.0 | -75.0 | -13.1 | 999.9 | 99.9 | 99.9 | 99.9 | 304.7 | 310.6 | 2.1 | 19.1 | 999.9 | 999 |
| 55.1 | 135.7 | 16331.8 | 100.0 | -78.7 | -13.1 | 999.9 | 99.9 | 99.9 | 99.9 | 304.7 | 310.6 | 2.1 | 19.1 | 999.9 | 999 |
| 61.8 | 143.0 | 18105.2 | 75.0 | -84.4 | -13.1 | 999.9 | 99.9 | 99.9 | 99.9 | 304.7 | 310.6 | 2.1 | 19.1 | 999.9 | 999 |
| 73.9 | 151.0 | 20594.8 | 50.0 | -90.7 | -13.1 | 999.9 | 99.9 | 99.9 | 99.9 | 304.7 | 310.6 | 2.1 | 19.1 | 999.9 | 999 |
| | 159.3 | 24997.3 | 25.0 | -94.5 | -13.1 | 999.9 | 99.9 | 99.9 | 99.9 | 304.7 | 310.6 | 2.1 | 19.1 | 999.9 | 999 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 ** BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 *** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
 **** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 340
LITTLE ROCK, ARKANSAS

24 APRIL 1982
1415 GMT

156 8 0

| TIME MIN | QNTOT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE NM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0 0 | 6 6 | 172 0 | 1001.7 | 13.9 | 3.7 | 110.0 | 3.1 | -2.9 | 1.1 | 285.9 | 300.1 | 5.0 | 50.0 | 0.0 | 0.0 |
| 0 0 | 6 8 | 186.3 | 1000.0 | 13.4 | 2.1 | 125.8 | 5.7 | -4.6 | 3.3 | 286.5 | 298.5 | 5.0 | 46.5 | 0.0 | 341. |
| 0 7 | 9 2 | 298.8 | 975.0 | 12.4 | 3.9 | 154.0 | 8.3 | -3.6 | 7.4 | 287.7 | 295.7 | 2.9 | 31.8 | 0.0 | 332. |
| 1 4 | 11.5 | 816.5 | 950.0 | 11.9 | -2.5 | 174.4 | 7.8 | -0.8 | 7.3 | 289.3 | 298.4 | 3.3 | 36.3 | 0.5 | 339. |
| 2 1 | 13.8 | 839.0 | 925.0 | 10.3 | -3.7 | 172.7 | 7.3 | -0.8 | 7.3 | 289.8 | 298.5 | 3.3 | 37.1 | 0.8 | 346. |
| 3 0 | 16.2 | 1066.1 | 900.0 | 8.2 | -3.9 | 171.6 | 6.7 | -1.0 | 6.6 | 289.9 | 298.7 | 3.2 | 42.2 | 1.2 | 348. |
| 3 7 | 18.6 | 1297.9 | 875.0 | 6.1 | -3.4 | 174.6 | 5.4 | -0.5 | 5.4 | 290.2 | 299.6 | 3.4 | 50.7 | 1.5 | 358. |
| 4 5 | 21.1 | 1534.5 | 850.0 | 3.9 | -2.4 | 185.8 | 4.5 | 0.5 | 4.5 | 290.2 | 299.6 | 3.8 | 63.5 | 1.7 | 350. |
| 5 3 | 23.5 | 1776.6 | 825.0 | 2.9 | -15.9 | 229.1 | 3.6 | 1.5 | 3.7 | 291.7 | 298.8 | 1.4 | 24.9 | 1.9 | 352. |
| 6 2 | 26.0 | 2035.7 | 800.0 | 3.8 | -18.8 | 239.0 | 3.4 | 2.9 | 1.7 | 295.0 | 298.5 | 1.1 | 17.2 | 2.0 | 356. |
| 7 1 | 28.5 | 2284.6 | 775.0 | 5.4 | -6.4 | 254.3 | 4.5 | 4.3 | 1.2 | 299.7 | 308.3 | 3.0 | 41.5 | 2.2 | 1. |
| 8 0 | 31.0 | 2551.9 | 750.0 | 3.8 | -4.8 | 268.0 | 5.1 | 4.8 | 1.9 | 300.7 | 311.2 | 3.7 | 54.9 | 2.2 | 8. |
| 9 0 | 33.6 | 2826.9 | 725.0 | 2.3 | -3.8 | 280.6 | 5.4 | 4.7 | 2.7 | 302.0 | 313.5 | 4.0 | 63.9 | 2.2 | 14. |
| 10 1 | 36.2 | 3110.4 | 700.0 | 1.0 | -2.0 | 294.7 | 6.6 | 4.5 | 4.7 | 303.6 | 317.1 | 4.7 | 79.9 | 2.6 | 19. |
| 11 0 | 38.8 | 3401.4 | 675.0 | -1.6 | -2.5 | 315.4 | 8.5 | 4.9 | 6.9 | 303.8 | 317.3 | 4.7 | 93.9 | 3.1 | 22. |
| 12 1 | 41.5 | 3701.3 | 650.0 | -2.4 | -2.5 | 336.4 | 8.7 | 4.6 | 7.3 | 308.2 | 315.2 | 3.0 | 60.9 | 3.6 | 25. |
| 13 3 | 44.2 | 4011.9 | 625.0 | -3.7 | -12.9 | 357.4 | 8.3 | 4.7 | 6.9 | 308.3 | 315.2 | 3.0 | 48.6 | 4.2 | 28. |
| 14 4 | 47.0 | 4333.4 | 600.0 | -4.9 | -16.5 | 378.9 | 9.0 | 5.3 | 7.2 | 311.1 | 315.9 | 1.8 | 39.8 | 5.4 | 28. |
| 15 5 | 49.8 | 4666.5 | 575.0 | -7.6 | -18.3 | 399.9 | 9.5 | 7.2 | 7.3 | 311.1 | 315.7 | 1.3 | 41.8 | 6.1 | 29. |
| 16 8 | 52.7 | 5010.3 | 550.0 | -10.6 | -20.8 | 421.2 | 10.3 | 7.2 | 7.4 | 311.5 | 315.7 | 0.9 | 43.0 | 6.9 | 31. |
| 18 1 | 55.6 | 5387.0 | 525.0 | -13.0 | -25.1 | 442.2 | 8.9 | 6.6 | 5.9 | 312.9 | 316.0 | 0.8 | 33.6 | 7.5 | 33. |
| 19 4 | 58.6 | 5758.8 | 500.0 | -14.3 | -26.8 | 463.8 | 9.2 | 7.0 | 6.2 | 315.6 | 318.4 | 0.8 | 37.2 | 8.2 | 35. |
| 20 8 | 61.4 | 6128.2 | 475.0 | -17.0 | -28.2 | 485.6 | 11.3 | 9.4 | 6.2 | 316.9 | 319.5 | 0.7 | 37.2 | 8.2 | 37. |
| 22 1 | 64.6 | 6528.8 | 450.0 | -20.9 | -29.2 | 507.9 | 11.5 | 9.7 | 6.1 | 317.0 | 319.5 | 0.7 | 46.8 | 9.2 | 37. |
| 23 5 | 67.8 | 6948.5 | 425.0 | -24.1 | -27.9 | 529.1 | 13.2 | 12.0 | 5.6 | 320.6 | 321.2 | 0.9 | 70.5 | 10.1 | 39. |
| 25 2 | 71.1 | 7389.0 | 400.0 | -26.5 | -30.6 | 550.9 | 14.2 | 13.6 | 3.9 | 320.6 | 323.2 | 0.7 | 68.0 | 11.3 | 43. |
| 27 1 | 74.5 | 7833.5 | 375.0 | -29.1 | -39.7 | 572.1 | 16.4 | 16.2 | 2.7 | 323.1 | 324.1 | 0.3 | 34.9 | 12.7 | 47. |
| 28 7 | 78.0 | 8341.7 | 350.0 | -33.8 | -43.3 | 593.5 | 19.5 | 19.3 | 2.7 | 323.2 | 324.1 | 0.2 | 37.3 | 14.2 | 51. |
| 30 5 | 81.7 | 8856.5 | 325.0 | -38.6 | -47.2 | 614.8 | 23.7 | 23.2 | 4.7 | 323.5 | 324.1 | 0.2 | 39.5 | 16.3 | 56. |
| 32 3 | 85.6 | 9401.2 | 300.0 | -43.0 | -49.9 | 635.8 | 28.8 | 27.4 | 9.0 | 324.8 | 324.1 | 99.9 | 99.9 | 19.0 | 58. |
| 34 3 | 89.5 | 9980.3 | 275.0 | -48.4 | -49.9 | 656.8 | 31.0 | 28.9 | 11.0 | 325.1 | 324.1 | 99.9 | 99.9 | 22.4 | 60. |
| 36 4 | 93.7 | 10599.0 | 250.0 | -54.6 | -49.9 | 677.9 | 33.9 | 32.0 | 11.2 | 325.1 | 324.1 | 99.9 | 99.9 | 25.5 | 61. |
| 39 0 | 98.0 | 11272.5 | 225.0 | -55.2 | -49.9 | 699.0 | 33.9 | 33.0 | 7.6 | 325.1 | 324.1 | 99.9 | 99.9 | 28.5 | 62. |
| 41 8 | 102.8 | 12023.1 | 200.0 | -56.9 | -49.9 | 720.1 | 24.0 | 23.2 | 5.9 | 343.6 | 324.1 | 99.9 | 99.9 | 32.0 | 63. |
| 44 7 | 107.8 | 12861.6 | 175.0 | -60.6 | -49.9 | 741.1 | 25.0 | 22.5 | 10.9 | 349.9 | 324.1 | 99.9 | 99.9 | 36.5 | 66. |
| 48 2 | 113.5 | 13830.4 | 150.0 | -55.1 | -49.9 | 762.1 | 27.8 | 27.0 | 6.9 | 375.2 | 324.1 | 99.9 | 99.9 | 40.3 | 68. |
| 52 1 | 119.7 | 14990.0 | 125.0 | -58.1 | -49.9 | 783.1 | 23.5 | 23.4 | 2.5 | 389.9 | 324.1 | 99.9 | 99.9 | 46.4 | 68. |
| 56 8 | 126.7 | 16332.7 | 100.0 | -62.5 | -49.9 | 804.1 | 18.3 | 18.2 | -0.1 | 410.8 | 324.1 | 99.9 | 99.9 | 52.0 | 70. |
| 62 5 | 134.7 | 18154.7 | 75.0 | -62.3 | -49.9 | 825.1 | 9.8 | 9.8 | -0.1 | 440.3 | 324.1 | 99.9 | 99.9 | 57.4 | 71. |
| 70 5 | 144.0 | 20678.4 | 50.0 | -58.7 | -49.9 | 846.1 | 3.4 | 1.1 | -3.2 | 505.2 | 324.1 | 99.9 | 99.9 | 63.9 | 72. |
| 83 1 | 154.5 | 25092.9 | 25.0 | -52.8 | -49.9 | 867.1 | 3.6 | -0.8 | -3.5 | 633.2 | 324.1 | 99.9 | 99.9 | 62.9 | 73. |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 ** BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 *** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
 **** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 340
LITTLE ROCK, ARKANSAS

24 APRIL 1982
1715 GMT

164 13. 0

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 6.9 | 172.0 | 1001.4 | 18.3 | 1.3 | 170.0 | 5.2 | -0.9 | 5.1 | 291.3 | 302.8 | 4.2 | 32.0 | 0.0 | 0.0 |
| 0.1 | 6.9 | 183.9 | 1000.0 | 17.1 | 0.1 | 155.2 | 5.3 | -2.2 | 4.8 | 290.3 | 300.9 | 3.9 | 31.5 | 0.1 | 352.0 |
| 0.8 | 9.3 | 398.5 | 975.0 | 14.2 | -0.1 | 152.0 | 5.3 | -1.3 | 4.6 | 289.4 | 299.3 | 3.6 | 34.7 | 0.3 | 340.0 |
| 1.6 | 11.9 | 617.0 | 950.0 | 12.2 | -0.6 | 169.2 | 7.1 | -1.3 | 8.0 | 289.5 | 300.0 | 3.9 | 41.4 | 0.5 | 341.0 |
| 2.5 | 14.4 | 839.7 | 925.0 | 10.1 | -3.1 | 170.7 | 8.8 | -1.4 | 7.5 | 289.5 | 298.6 | 3.3 | 39.5 | 1.0 | 346.0 |
| 3.5 | 17.0 | 1066.8 | 900.0 | 8.1 | -4.0 | 169.1 | 8.7 | -1.7 | 8.6 | 289.9 | 298.6 | 3.2 | 41.8 | 1.5 | 347.0 |
| 4.3 | 19.7 | 1298.7 | 875.0 | 6.3 | -2.8 | 165.4 | 8.3 | -2.1 | 8.1 | 290.3 | 300.0 | 3.5 | 51.8 | 2.0 | 347.0 |
| 5.2 | 22.3 | 1535.6 | 850.0 | 4.3 | -4.1 | 171.5 | 7.5 | -1.1 | 7.4 | 290.6 | 300.6 | 3.4 | 60.0 | 2.4 | 347.0 |
| 6.1 | 24.9 | 1777.7 | 825.0 | 2.2 | -4.1 | 181.0 | 5.7 | 0.1 | 5.7 | 291.0 | 300.4 | 3.4 | 62.9 | 2.8 | 348.0 |
| 7.0 | 27.6 | 2026.6 | 800.0 | 2.2 | -4.1 | 211.3 | 3.8 | 2.0 | 3.2 | 291.2 | 297.1 | 1.0 | 67.7 | 3.0 | 350.0 |
| 7.8 | 30.3 | 2284.2 | 775.0 | 3.7 | -0.5 | 226.9 | 3.3 | 2.8 | 1.8 | 297.8 | 311.1 | 4.8 | 74.3 | 3.1 | 352.0 |
| 8.7 | 33.1 | 2550.2 | 750.0 | 2.4 | 1.0 | 227.0 | 4.6 | 3.4 | 3.1 | 299.2 | 314.4 | 5.5 | 80.7 | 3.1 | 356.0 |
| 9.7 | 35.9 | 2833.8 | 725.0 | 1.2 | 0.6 | 212.3 | 6.5 | 3.5 | 5.5 | 300.9 | 316.2 | 5.1 | 95.5 | 3.4 | 359.0 |
| 10.6 | 38.7 | 3105.8 | 700.0 | -0.5 | -1.1 | 207.1 | 7.1 | 3.2 | 6.3 | 301.9 | 315.8 | 5.1 | 94.8 | 4.1 | 362.0 |
| 11.6 | 41.4 | 3396.0 | 675.0 | -2.4 | -3.1 | 220.8 | 6.8 | 6.0 | 7.0 | 304.6 | 312.3 | 2.6 | 94.8 | 4.5 | 365.0 |
| 12.6 | 44.3 | 3694.8 | 650.0 | -3.9 | -10.8 | 220.8 | 9.2 | 6.0 | 8.3 | 308.5 | 313.1 | 1.5 | 94.8 | 5.0 | 368.0 |
| 13.5 | 47.0 | 4004.8 | 625.0 | -6.3 | -18.2 | 214.7 | 10.8 | 7.0 | 9.5 | 308.5 | 313.1 | 1.2 | 94.8 | 5.8 | 371.0 |
| 14.5 | 50.0 | 4326.1 | 600.0 | -6.3 | -21.3 | 214.7 | 11.5 | 6.6 | 11.5 | 308.5 | 313.1 | 1.0 | 94.8 | 6.8 | 374.0 |
| 15.0 | 53.0 | 4657.9 | 575.0 | -7.9 | -23.5 | 210.5 | 13.3 | 6.7 | 11.5 | 310.7 | 313.1 | 1.2 | 94.8 | 7.9 | 377.0 |
| 16.2 | 56.1 | 5001.7 | 550.0 | -10.7 | -23.1 | 210.5 | 13.3 | 6.7 | 11.5 | 310.7 | 313.1 | 1.2 | 94.8 | 8.8 | 380.0 |
| 17.6 | 59.0 | 5358.5 | 525.0 | -12.2 | -23.1 | 212.6 | 11.4 | 6.2 | 9.6 | 313.7 | 317.3 | 1.1 | 94.8 | 9.6 | 383.0 |
| 18.9 | 62.3 | 5730.0 | 500.0 | -15.0 | -23.1 | 230.2 | 11.1 | 8.5 | 8.1 | 314.7 | 320.2 | 1.7 | 94.8 | 10.3 | 386.0 |
| 20.1 | 65.4 | 6116.3 | 475.0 | -17.6 | -20.6 | 230.2 | 12.0 | 9.4 | 7.1 | 316.2 | 322.1 | 1.6 | 94.8 | 11.0 | 389.0 |
| 21.3 | 68.8 | 6519.5 | 450.0 | -20.2 | -23.2 | 231.8 | 12.0 | 9.4 | 10.0 | 317.4 | 322.8 | 1.3 | 94.8 | 12.1 | 392.0 |
| 22.5 | 72.1 | 6940.8 | 425.0 | -23.1 | -26.5 | 227.5 | 14.8 | 10.9 | 10.1 | 319.4 | 323.7 | 1.0 | 94.8 | 13.4 | 395.0 |
| 24.0 | 75.6 | 7382.7 | 400.0 | -26.1 | -30.5 | 231.9 | 16.4 | 12.9 | 9.0 | 321.1 | 323.7 | 0.7 | 94.8 | 14.9 | 398.0 |
| 25.4 | 79.2 | 7846.5 | 375.0 | -29.8 | -36.1 | 240.0 | 18.0 | 15.6 | 7.1 | 322.1 | 323.7 | 0.5 | 94.8 | 16.7 | 401.0 |
| 26.8 | 83.0 | 8334.3 | 350.0 | -33.9 | -40.5 | 250.8 | 21.9 | 20.7 | 8.0 | 323.0 | 324.2 | 0.3 | 94.8 | 19.0 | 404.0 |
| 28.8 | 86.8 | 8899.0 | 325.0 | -38.1 | -45.0 | 251.6 | 25.3 | 24.0 | 8.0 | 324.2 | 325.0 | 0.2 | 94.8 | 21.5 | 407.0 |
| 30.7 | 90.8 | 9394.9 | 300.0 | -42.9 | -49.9 | 244.6 | 27.1 | 24.5 | 11.7 | 324.8 | 325.0 | 0.2 | 94.8 | 24.3 | 410.0 |
| 32.5 | 95.0 | 9974.6 | 275.0 | -48.2 | -54.0 | 239.7 | 30.5 | 26.3 | 15.4 | 325.4 | 325.0 | 0.2 | 94.8 | 28.4 | 413.0 |
| 34.2 | 99.4 | 10595.2 | 250.0 | -54.0 | -59.9 | 239.7 | 37.6 | 31.5 | 20.6 | 325.8 | 325.0 | 0.2 | 94.8 | 34.3 | 416.0 |
| 36.3 | 104.0 | 11263.2 | 225.0 | -58.9 | -65.9 | 239.7 | 40.8 | 34.9 | 21.0 | 326.3 | 325.0 | 0.2 | 94.8 | 40.1 | 419.0 |
| 38.7 | 109.0 | 12002.4 | 200.0 | -62.2 | -71.2 | 248.9 | 32.3 | 30.1 | 11.6 | 326.3 | 325.0 | 0.2 | 94.8 | 44.5 | 422.0 |
| 41.4 | 114.2 | 12847.5 | 175.0 | -67.2 | -76.2 | 248.9 | 26.1 | 24.2 | 9.8 | 326.3 | 325.0 | 0.2 | 94.8 | 49.0 | 425.0 |
| 44.1 | 120.0 | 13820.9 | 150.0 | -71.2 | -81.2 | 248.9 | 25.0 | 22.8 | 10.1 | 326.3 | 325.0 | 0.2 | 94.8 | 54.5 | 428.0 |
| 47.2 | 126.7 | 14922.0 | 125.0 | -76.7 | -86.7 | 248.9 | 24.5 | 21.1 | 10.1 | 326.3 | 325.0 | 0.2 | 94.8 | 59.0 | 431.0 |
| 51.4 | 134.0 | 16378.4 | 100.0 | -81.1 | -91.1 | 248.9 | 14.8 | 14.3 | 3.6 | 326.3 | 325.0 | 0.2 | 94.8 | 64.5 | 434.0 |
| 55.2 | 142.7 | 18155.3 | 75.0 | -86.1 | -96.1 | 248.9 | 10.0 | 10.0 | -0.4 | 326.3 | 325.0 | 0.2 | 94.8 | 69.0 | 437.0 |
| 62.4 | 153.0 | 20666.3 | 50.0 | -91.1 | -101.1 | 248.9 | 4.0 | -0.4 | -0.4 | 326.3 | 325.0 | 0.2 | 94.8 | 74.5 | 440.0 |
| 70.6 | 164.0 | 25125.3 | 25.0 | -96.4 | -106.4 | 248.9 | 99.9 | 99.9 | 99.9 | 326.3 | 325.0 | 0.2 | 94.8 | 80.0 | 443.0 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
 ** BY TEMP MEANS MISSING DATA STRUTUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 340
LITTLE ROCK, ARKANSAS

24 APRIL 1982
2000 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0 0 | 5.4 | 172.0 | 999.9 | 18.6 | 4.0 | 140.0 | 4.1 | -2.6 | 3.1 | 291.8 | 305.6 | 5.1 | 38.0 | 0.0 | 0. |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 137.1 | 99.9 | 99.9 | 99.9 | 290.7 | 304.1 | 5.0 | 99.9 | 99.9 | 99.9 |
| 0.6 | 8.8 | 386.7 | 975.0 | 15.4 | 3.3 | 150.9 | 4.6 | -3.1 | 3.4 | 290.6 | 303.9 | 4.9 | 44.2 | 0.2 | 297 |
| 1.4 | 11.3 | 606.1 | 950.0 | 11.3 | 2.7 | 172.2 | 4.2 | -2.1 | 3.7 | 290.6 | 303.1 | 4.6 | 48.4 | 0.4 | 310 |
| 2.2 | 13.8 | 829.6 | 925.0 | 11.1 | 1.5 | 170.2 | 3.6 | -0.5 | 3.6 | 291.2 | 303.0 | 4.3 | 51.7 | 0.5 | 321 |
| 3.0 | 16.3 | 1057.6 | 900.0 | 9.4 | 0.2 | 175.0 | 4.8 | -0.4 | 4.8 | 291.6 | 303.0 | 4.3 | 52.6 | 0.7 | 330 |
| 4.0 | 18.9 | 1290.5 | 875.0 | 7.5 | -0.5 | 177.4 | 5.7 | -0.3 | 5.7 | 292.4 | 303.8 | 4.2 | 56.9 | 1.0 | 337 |
| 4.9 | 21.4 | 1528.6 | 850.0 | 5.9 | -1.1 | 188.7 | 7.6 | 1.2 | 7.5 | 292.8 | 301.9 | 3.3 | 60.7 | 1.3 | 344 |
| 5.8 | 24.0 | 1772.2 | 825.0 | 4.0 | -4.7 | 182.3 | 8.5 | 0.3 | 8.5 | 295.4 | 301.9 | 3.3 | 62.9 | 1.7 | 351 |
| 6.7 | 26.6 | 2022.0 | 800.0 | 4.0 | -18.0 | 175.9 | 7.9 | -0.6 | 7.9 | 298.8 | 301.9 | 3.3 | 62.9 | 2.2 | 352 |
| 7.7 | 29.2 | 2260.8 | 775.0 | 4.6 | 3.0 | 180.5 | 7.9 | 0.1 | 7.9 | 300.1 | 301.9 | 3.3 | 62.9 | 2.6 | 352 |
| 8.5 | 31.8 | 2548.0 | 750.0 | 4.6 | 2.6 | 191.0 | 8.6 | 1.6 | 8.5 | 301.1 | 301.9 | 3.3 | 62.9 | 3.1 | 355 |
| 9.5 | 34.4 | 2822.7 | 725.0 | 3.2 | 0.7 | 204.1 | 8.6 | 3.2 | 8.0 | 302.3 | 301.9 | 3.3 | 62.9 | 3.5 | 355 |
| 10.5 | 37.2 | 3105.2 | 700.0 | 1.4 | -1.0 | 215.1 | 9.8 | 5.6 | 8.0 | 305.2 | 301.9 | 3.3 | 62.9 | 3.9 | 355 |
| 11.5 | 39.9 | 3396.6 | 675.0 | -0.2 | -2.4 | 222.0 | 12.9 | 8.7 | 9.6 | 306.4 | 301.9 | 3.3 | 62.9 | 4.3 | 355 |
| 12.6 | 42.7 | 3698.1 | 650.0 | -2.3 | -3.2 | 220.4 | 14.1 | 9.1 | 10.7 | 307.4 | 301.9 | 3.3 | 62.9 | 4.7 | 355 |
| 13.6 | 45.6 | 4008.7 | 625.0 | -4.4 | -8.8 | 209.9 | 13.4 | 6.7 | 11.6 | 308.5 | 301.9 | 3.3 | 62.9 | 5.2 | 355 |
| 14.6 | 48.4 | 4329.5 | 600.0 | -6.6 | -11.4 | 206.7 | 11.5 | 5.2 | 10.2 | 309.6 | 301.9 | 3.3 | 62.9 | 5.6 | 355 |
| 15.8 | 51.3 | 4650.8 | 575.0 | -8.9 | -9.4 | 206.7 | 15.1 | 7.3 | 13.3 | 311.6 | 301.9 | 3.3 | 62.9 | 6.0 | 355 |
| 17.0 | 54.3 | 5004.6 | 550.0 | -13.5 | -11.0 | 214.2 | 17.4 | 9.7 | 14.4 | 313.8 | 301.9 | 3.3 | 62.9 | 6.4 | 355 |
| 18.4 | 57.3 | 5362.2 | 525.0 | -15.7 | -12.9 | 221.9 | 19.0 | 12.6 | 14.2 | 316.3 | 301.9 | 3.3 | 62.9 | 6.8 | 355 |
| 19.8 | 60.4 | 5734.9 | 500.0 | -17.7 | -14.5 | 230.7 | 21.8 | 16.8 | 14.2 | 318.8 | 301.9 | 3.3 | 62.9 | 7.2 | 355 |
| 21.1 | 63.5 | 6123.2 | 475.0 | -19.4 | -17.5 | 238.5 | 23.4 | 19.9 | 12.2 | 321.1 | 301.9 | 3.3 | 62.9 | 7.6 | 355 |
| 22.6 | 66.7 | 6528.2 | 450.0 | -21.8 | -24.3 | 247.1 | 22.2 | 20.4 | 8.6 | 324.2 | 301.9 | 3.3 | 62.9 | 8.0 | 355 |
| 24.0 | 70.1 | 6951.9 | 425.0 | -24.8 | -27.0 | 249.8 | 21.4 | 20.0 | 7.4 | 327.5 | 301.9 | 3.3 | 62.9 | 8.4 | 355 |
| 25.5 | 73.4 | 7396.0 | 400.0 | -28.3 | -33.4 | 239.3 | 21.6 | 18.5 | 11.0 | 330.8 | 301.9 | 3.3 | 62.9 | 8.8 | 355 |
| 27.1 | 76.9 | 7862.1 | 375.0 | -32.6 | -37.8 | 231.9 | 23.0 | 18.1 | 14.2 | 334.1 | 301.9 | 3.3 | 62.9 | 9.2 | 355 |
| 28.8 | 80.4 | 8352.8 | 350.0 | -36.8 | -41.8 | 229.8 | 22.6 | 17.2 | 14.6 | 337.1 | 301.9 | 3.3 | 62.9 | 9.6 | 355 |
| 30.5 | 84.3 | 8871.0 | 325.0 | -41.6 | -45.9 | 222.5 | 22.1 | 14.9 | 16.3 | 340.2 | 301.9 | 3.3 | 62.9 | 10.0 | 355 |
| 32.3 | 88.1 | 9419.7 | 300.0 | -46.4 | -49.9 | 217.7 | 23.7 | 14.5 | 18.8 | 343.5 | 301.9 | 3.3 | 62.9 | 10.4 | 355 |
| 34.2 | 92.2 | 10004.6 | 275.0 | -52.5 | -55.9 | 215.9 | 25.4 | 15.8 | 20.5 | 346.8 | 301.9 | 3.3 | 62.9 | 10.8 | 355 |
| 36.1 | 96.5 | 10629.3 | 250.0 | -58.7 | -61.9 | 215.0 | 27.6 | 15.8 | 22.6 | 350.1 | 301.9 | 3.3 | 62.9 | 11.2 | 355 |
| 38.3 | 101.0 | 11301.5 | 225.0 | -64.9 | -67.9 | 220.8 | 30.3 | 19.8 | 23.0 | 353.4 | 301.9 | 3.3 | 62.9 | 11.6 | 355 |
| 40.9 | 105.8 | 12039.5 | 200.0 | -68.5 | -71.9 | 238.3 | 34.0 | 28.9 | 17.8 | 356.7 | 301.9 | 3.3 | 62.9 | 12.0 | 355 |
| 43.8 | 111.0 | 12882.4 | 175.0 | -72.3 | -75.9 | 245.7 | 38.8 | 26.3 | 11.9 | 360.0 | 301.9 | 3.3 | 62.9 | 12.4 | 355 |
| 47.1 | 116.6 | 13863.8 | 150.0 | -76.1 | -79.9 | 244.0 | 42.5 | 24.8 | 10.7 | 363.3 | 301.9 | 3.3 | 62.9 | 12.8 | 355 |
| 51.0 | 123.0 | 15024.7 | 125.0 | -80.5 | -83.9 | 256.0 | 46.9 | 24.8 | 6.2 | 366.6 | 301.9 | 3.3 | 62.9 | 13.2 | 355 |
| 55.5 | 130.0 | 16330.5 | 100.0 | -84.9 | -87.9 | 249.1 | 51.7 | 24.8 | 5.5 | 369.9 | 301.9 | 3.3 | 62.9 | 13.6 | 355 |
| 61.0 | 138.3 | 18219.4 | 75.0 | -89.9 | -92.9 | 271.6 | 56.7 | 11.5 | -0.3 | 373.2 | 301.9 | 3.3 | 62.9 | 14.0 | 355 |
| 68.8 | 148.5 | 20737.9 | 50.0 | -94.9 | -97.9 | 289.7 | 61.7 | 3.5 | -1.3 | 376.5 | 301.9 | 3.3 | 62.9 | 14.4 | 355 |
| 80.0 | 159.5 | 25177.1 | 25.0 | -101.4 | -104.9 | 289.7 | 66.7 | 1.3 | 2.7 | 379.8 | 301.9 | 3.3 | 62.9 | 14.8 | 355 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
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ORIGINAL PAGE 19
OF POOR QUALITY

STATION NO. 340
LITTLE ROCK, ARKANSAS

25 APRIL 1992
200 GMT

| TIME MIN | CNTCT | HEIGHT -GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE KM | 162 | 9. | 0 |
|-------------|-------|----------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|------|------|------|
| 0.0 | 7.6 | 172.0 | 996.5 | 13.3 | 12.0 | 140.0 | 0.0 | 0.0 | 0.0 | 286.7 | 309.5 | 8.9 | 92.0 | 0.0 | | | 0. |
| 99.9 | 99.9 | 355.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.5 | 9.7 | 355.9 | 975.0 | 13.0 | 8.8 | 145.6 | 4.1 | -2.3 | 3.4 | 288.2 | 307.2 | 7.3 | 75.5 | 0.1 | 327. | | 327. |
| 1.4 | 12.2 | 574.0 | 950.0 | 11.6 | 8.0 | 144.9 | 6.3 | -3.6 | 5.1 | 288.9 | 307.5 | 7.1 | 78.8 | 0.3 | 328. | | 328. |
| 2.1 | 14.7 | 796.7 | 925.0 | 9.8 | 6.9 | 148.0 | 8.9 | -4.7 | 7.6 | 289.3 | 307.0 | 6.8 | 82.2 | 0.7 | 327. | | 327. |
| 3.0 | 17.2 | 1023.8 | 900.0 | 7.8 | 6.5 | 153.6 | 11.3 | -5.0 | 10.1 | 289.6 | 307.3 | 6.8 | 91.1 | 1.2 | 327. | | 327. |
| 3.8 | 19.7 | 1255.8 | 875.0 | 6.3 | 5.1 | 166.2 | 13.1 | -3.1 | 12.7 | 290.3 | 307.0 | 6.3 | 92.0 | 1.8 | 331. | | 331. |
| 4.6 | 22.2 | 1493.9 | 850.0 | 5.9 | 5.5 | 191.4 | 12.3 | 2.4 | 12.0 | 292.4 | 310.2 | 6.7 | 97.0 | 2.4 | 337. | | 337. |
| 5.4 | 24.8 | 1738.6 | 825.0 | 5.5 | 5.1 | 218.0 | 12.8 | 7.9 | 10.1 | 294.4 | 312.4 | 6.7 | 96.5 | 2.9 | 347. | | 347. |
| 6.2 | 27.3 | 1990.6 | 800.0 | 4.7 | 4.2 | 221.6 | 14.5 | 9.6 | 10.8 | 296.1 | 313.7 | 6.5 | 98.7 | 3.2 | 357. | | 357. |
| 7.1 | 30.0 | 2249.2 | 775.0 | 3.1 | 2.6 | 219.0 | 16.4 | 10.3 | 12.7 | 297.2 | 313.6 | 6.0 | 98.5 | 3.9 | 357. | | 357. |
| 8.0 | 32.6 | 2515.0 | 750.0 | 1.6 | 1.1 | 219.5 | 17.7 | 11.2 | 13.6 | 298.3 | 313.6 | 5.5 | 96.2 | 4.6 | 11. | | 11. |
| 8.9 | 35.2 | 2788.3 | 725.0 | 0.5 | -0.1 | 221.8 | 17.5 | 11.2 | 13.0 | 300.0 | 314.7 | 5.3 | 96.0 | 5.5 | 16. | | 16. |
| 9.8 | 37.9 | 3069.9 | 700.0 | -0.4 | -0.6 | 225.0 | 15.8 | 11.0 | 11.2 | 302.0 | 316.4 | 5.1 | 95.8 | 6.3 | 20. | | 20. |
| 10.8 | 40.6 | 3360.5 | 675.0 | -2.0 | -2.6 | 225.3 | 15.4 | 11.1 | 10.8 | 303.5 | 316.9 | 4.7 | 95.0 | 7.1 | 23. | | 23. |
| 11.7 | 43.4 | 3659.9 | 650.0 | -3.9 | -4.8 | 227.8 | 14.9 | 11.1 | 10.0 | 304.6 | 316.9 | 4.2 | 95.0 | 7.9 | 25. | | 25. |
| 12.5 | 46.1 | 3968.8 | 625.0 | -5.6 | -6.3 | 236.8 | 12.5 | 10.5 | 8.9 | 306.0 | 317.2 | 3.8 | 95.2 | 8.6 | 27. | | 27. |
| 13.8 | 48.1 | 4288.0 | 600.0 | -7.8 | -8.5 | 245.9 | 11.5 | 10.6 | 6.9 | 307.1 | 317.3 | 2.4 | 95.1 | 9.3 | 30. | | 30. |
| 14.9 | 52.0 | 4618.0 | 575.0 | -9.5 | -10.2 | 254.3 | 11.6 | 11.2 | 4.5 | 308.8 | 317.3 | 1.3 | 95.3 | 9.9 | 33. | | 33. |
| 16.1 | 55.0 | 4959.7 | 550.0 | -11.5 | -12.2 | 249.3 | 12.8 | 12.0 | 3.2 | 310.4 | 315.4 | 1.6 | 95.3 | 10.5 | 36. | | 36. |
| 17.1 | 58.0 | 5314.4 | 525.0 | -13.8 | -14.5 | 241.2 | 12.6 | 11.1 | 4.5 | 311.9 | 315.4 | 1.9 | 95.0 | 11.3 | 38. | | 38. |
| 18.3 | 61.1 | 5683.6 | 500.0 | -16.6 | -17.3 | 233.6 | 12.9 | 10.3 | 6.1 | 312.9 | 318.1 | 1.7 | 95.0 | 12.1 | 40. | | 40. |
| 19.6 | 64.3 | 6086.7 | 475.0 | -20.4 | -21.1 | 233.6 | 16.5 | 13.3 | 9.8 | 312.7 | 318.9 | 0.3 | 95.0 | 13.1 | 41. | | 41. |
| 20.9 | 67.5 | 6484.4 | 450.0 | -23.5 | -24.2 | 230.1 | 19.4 | 14.9 | 12.5 | 313.7 | 314.3 | 0.2 | 95.0 | 14.6 | 42. | | 42. |
| 22.2 | 70.9 | 6880.2 | 425.0 | -25.9 | -26.6 | 228.6 | 20.2 | 15.1 | 13.3 | 315.8 | 316.4 | 0.2 | 95.0 | 16.2 | 43. | | 43. |
| 23.7 | 74.3 | 7316.3 | 400.0 | -29.0 | -29.7 | 221.5 | 21.8 | 14.5 | 16.3 | 317.3 | 317.7 | 0.1 | 95.0 | 18.0 | 43. | | 43. |
| 25.3 | 77.7 | 7774.4 | 375.0 | -32.4 | -33.1 | 215.7 | 21.8 | 12.7 | 17.7 | 317.3 | 319.7 | 0.3 | 95.0 | 20.0 | 43. | | 43. |
| 27.0 | 81.3 | 8256.6 | 350.0 | -36.7 | -37.4 | 210.9 | 19.0 | 9.8 | 16.3 | 319.3 | 320.1 | 0.2 | 95.0 | 22.1 | 42. | | 42. |
| 28.7 | 85.1 | 8765.4 | 325.0 | -40.7 | -41.4 | 212.6 | 17.8 | 9.6 | 15.0 | 320.6 | 320.9 | 99.9 | 99.9 | 23.9 | 41. | | 41. |
| 30.6 | 89.0 | 9304.1 | 300.0 | -45.7 | -46.4 | 222.2 | 22.1 | 14.8 | 15.0 | 320.6 | 320.9 | 99.9 | 99.9 | 26.1 | 40. | | 40. |
| 32.6 | 93.2 | 9881.3 | 275.0 | -48.1 | -48.8 | 227.4 | 25.2 | 18.5 | 17.1 | 325.6 | 325.6 | 99.9 | 99.9 | 29.0 | 41. | | 41. |
| 34.8 | 97.4 | 10504.7 | 250.0 | -51.6 | -52.3 | 227.5 | 27.2 | 20.0 | 18.4 | 329.4 | 329.4 | 99.9 | 99.9 | 32.4 | 42. | | 42. |
| 37.2 | 102.0 | 11182.5 | 225.0 | -55.3 | -56.0 | 233.4 | 29.7 | 23.9 | 17.7 | 333.7 | 333.7 | 99.9 | 99.9 | 36.6 | 43. | | 43. |
| 39.8 | 106.8 | 11929.9 | 200.0 | -57.0 | -57.7 | 235.0 | 29.4 | 24.1 | 16.8 | 342.5 | 342.5 | 99.9 | 99.9 | 40.8 | 44. | | 44. |
| 42.6 | 112.0 | 12773.0 | 175.0 | -58.5 | -59.2 | 243.0 | 29.2 | 26.0 | 13.3 | 353.3 | 353.3 | 99.9 | 99.9 | 45.8 | 45. | | 45. |
| 45.8 | 117.7 | 13747.4 | 150.0 | -56.7 | -57.4 | 249.8 | 23.3 | 21.9 | 8.0 | 372.3 | 372.3 | 99.9 | 99.9 | 50.8 | 48. | | 48. |
| 49.6 | 124.2 | 14898.2 | 125.0 | -59.2 | -59.9 | 249.8 | 20.6 | 19.3 | 7.0 | 387.8 | 387.8 | 99.9 | 99.9 | 55.4 | 50. | | 50. |
| 54.0 | 131.7 | 16289.0 | 100.0 | -60.8 | -61.5 | 258.0 | 17.8 | 17.4 | 3.7 | 410.9 | 410.9 | 99.9 | 99.9 | 60.2 | 51. | | 51. |
| 59.0 | 140.0 | 18061.4 | 75.0 | -62.5 | -63.2 | 290.3 | 6.1 | 5.7 | -2.1 | 441.9 | 441.9 | 99.9 | 99.9 | 63.2 | 53. | | 53. |
| 66.1 | 150.0 | 20555.1 | 50.0 | -60.8 | -61.5 | 306.7 | 4.1 | 3.3 | -2.4 | 500.2 | 500.2 | 99.9 | 99.9 | 64.0 | 54. | | 54. |
| 78.1 | 161.0 | 24924.7 | 25.0 | -54.7 | -55.4 | 291.5 | 3.6 | 3.4 | -1.3 | 627.5 | 627.5 | 99.9 | 99.9 | 63.2 | 54. | | 54. |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN S AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
 ** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 340
LITTLE ROCK, ARKANSAS
25 APRIL 1982
500 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 6.9 | 172.0 | 996.7 | 13.4 | 10.8 | 140.0 | 2.1 | -1.3 | 1.6 | 286.8 | 307.8 | 8.2 | 84.0 | 0.0 | 0. |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.5 | 9.1 | 357.6 | 975.0 | 13.2 | 10.4 | 99.9 | 99.9 | 99.9 | 99.9 | 288.4 | 309.5 | 8.2 | 83.1 | 99.9 | 99.9 |
| 1.1 | 11.6 | 576.1 | 950.0 | 11.5 | 9.4 | 99.9 | 99.9 | 99.9 | 99.9 | 288.9 | 309.3 | 7.9 | 87.1 | 99.9 | 99.9 |
| 1.3 | 14.1 | 798.8 | 925.0 | 9.9 | 8.5 | 99.9 | 99.9 | 99.9 | 99.9 | 289.5 | 309.2 | 7.6 | 90.8 | 99.9 | 99.9 |
| 2.7 | 16.7 | 1026.7 | 900.0 | 9.0 | 7.6 | 99.9 | 99.9 | 99.9 | 99.9 | 290.8 | 310.0 | 7.3 | 90.7 | 99.9 | 99.9 |
| 3.6 | 19.4 | 1259.7 | 875.0 | 7.3 | 6.7 | 99.9 | 99.9 | 99.9 | 99.9 | 291.4 | 313.6 | 7.1 | 96.0 | 99.9 | 99.9 |
| 4.4 | 21.9 | 1498.8 | 850.0 | 7.5 | 6.9 | 99.9 | 99.9 | 99.9 | 99.9 | 294.0 | 314.3 | 7.4 | 96.0 | 99.9 | 99.9 |
| 5.3 | 24.5 | 1745.0 | 825.0 | 6.4 | 5.8 | 99.9 | 99.9 | 99.9 | 99.9 | 295.4 | 314.3 | 7.1 | 96.0 | 3.4 | 359. |
| 6.1 | 27.1 | 1997.2 | 800.0 | 4.5 | 4.0 | 226.0 | 13.4 | 9.6 | 9.3 | 295.9 | 313.2 | 6.4 | 96.6 | 3.9 | 7. |
| 7.0 | 29.7 | 2255.9 | 775.0 | 3.1 | 2.6 | 224.0 | 12.6 | 8.7 | 9.1 | 297.2 | 313.5 | 6.0 | 96.3 | 4.5 | 12. |
| 7.9 | 32.3 | 2521.7 | 750.0 | 2.2 | 0.3 | 223.2 | 10.5 | 8.4 | 6.3 | 298.9 | 313.5 | 5.3 | 87.8 | 5.0 | 16. |
| 8.8 | 35.1 | 2785.0 | 725.0 | 0.6 | -1.9 | 221.1 | 10.0 | 8.7 | 4.8 | 300.2 | 313.1 | 4.6 | 83.2 | 5.5 | 20. |
| 9.9 | 37.9 | 3076.4 | 700.0 | -0.9 | -3.4 | 224.1 | 10.8 | 9.7 | 4.8 | 302.4 | 313.6 | 4.3 | 83.1 | 5.9 | 24. |
| 10.9 | 40.6 | 3365.8 | 675.0 | -2.9 | -8.1 | 244.2 | 12.3 | 11.0 | 5.3 | 302.4 | 311.4 | 3.1 | 67.1 | 5.9 | 28. |
| 12.1 | 43.4 | 3663.0 | 650.0 | -5.4 | -23.8 | 245.3 | 12.1 | 11.0 | 5.1 | 302.9 | 305.6 | 0.9 | 22.6 | 7.2 | 32. |
| 13.1 | 46.3 | 3970.0 | 625.0 | -6.8 | -20.6 | 248.9 | 10.7 | 9.9 | 3.8 | 304.7 | 308.4 | 1.2 | 32.2 | 7.8 | 36. |
| 14.1 | 49.1 | 4287.7 | 600.0 | -8.5 | -18.9 | 243.3 | 9.8 | 8.8 | 4.4 | 306.3 | 310.7 | 1.4 | 42.6 | 8.3 | 38. |
| 15.4 | 52.1 | 4616.6 | 575.0 | -10.3 | -25.5 | 236.9 | 10.0 | 8.3 | 5.4 | 308.0 | 310.7 | 0.8 | 27.4 | 9.0 | 40. |
| 16.5 | 55.0 | 4956.9 | 550.0 | -13.1 | -30.1 | 239.5 | 9.8 | 8.5 | 5.0 | 309.7 | 310.4 | 0.6 | 22.2 | 9.6 | 41. |
| 17.6 | 58.0 | 5308.4 | 525.0 | -15.6 | -35.8 | 253.6 | 10.2 | 9.8 | 2.9 | 309.7 | 310.4 | 0.3 | 15.8 | 10.2 | 42. |
| 18.9 | 61.1 | 5676.1 | 500.0 | -18.0 | -40.2 | 251.8 | 13.6 | 12.9 | 4.3 | 311.1 | 311.9 | 0.2 | 12.3 | 11.0 | 45. |
| 20.2 | 64.3 | 6057.8 | 475.0 | -20.0 | -41.7 | 235.7 | 18.8 | 15.5 | 10.6 | 313.2 | 313.9 | 0.2 | 12.3 | 12.1 | 47. |
| 21.4 | 67.6 | 6457.0 | 450.0 | -22.0 | -43.8 | 224.2 | 20.2 | 14.0 | 14.5 | 315.6 | 316.2 | 0.2 | 11.8 | 13.6 | 47. |
| 22.9 | 70.9 | 6874.8 | 425.0 | -24.8 | -45.9 | 219.9 | 21.9 | 14.0 | 16.8 | 317.2 | 317.7 | 0.1 | 11.9 | 15.3 | 46. |
| 24.1 | 74.4 | 7313.2 | 400.0 | -28.0 | -48.4 | 217.3 | 23.4 | 14.2 | 18.6 | 318.5 | 319.0 | 0.1 | 12.2 | 17.1 | 45. |
| 25.6 | 77.9 | 7772.5 | 375.0 | -32.0 | -51.3 | 218.6 | 23.8 | 14.9 | 18.6 | 320.0 | 319.5 | 0.1 | 12.7 | 19.3 | 44. |
| 27.3 | 81.6 | 8256.1 | 350.0 | -36.2 | -54.4 | 221.4 | 24.2 | 16.0 | 18.2 | 320.0 | 320.2 | 0.1 | 13.2 | 21.6 | 44. |
| 29.1 | 85.2 | 8765.8 | 325.0 | -40.2 | -59.9 | 227.1 | 24.0 | 17.6 | 15.3 | 321.3 | 320.9 | 99.9 | 99.9 | 24.3 | 44. |
| 31.1 | 89.2 | 9307.3 | 300.0 | -43.9 | -64.9 | 231.4 | 24.6 | 19.2 | 15.3 | 323.5 | 321.3 | 99.9 | 99.9 | 27.1 | 45. |
| 33.3 | 93.3 | 9887.3 | 275.0 | -47.1 | -69.9 | 235.6 | 26.0 | 19.8 | 16.8 | 327.0 | 323.5 | 99.9 | 99.9 | 30.4 | 45. |
| 35.4 | 97.7 | 10512.9 | 250.0 | -50.6 | -74.9 | 239.6 | 27.3 | 21.3 | 17.1 | 330.9 | 327.0 | 99.9 | 99.9 | 33.8 | 46. |
| 37.9 | 102.2 | 11194.6 | 225.0 | -53.8 | -79.9 | 231.3 | 32.0 | 26.1 | 18.5 | 336.1 | 330.9 | 99.9 | 99.9 | 38.3 | 47. |
| 40.4 | 107.0 | 11948.1 | 200.0 | -56.0 | -84.9 | 234.8 | 32.4 | 23.6 | 18.1 | 344.1 | 336.1 | 99.9 | 99.9 | 42.9 | 48. |
| 43.5 | 112.4 | 12798.0 | 175.0 | -58.2 | -89.9 | 232.4 | 29.7 | 23.4 | 14.3 | 357.2 | 334.1 | 99.9 | 99.9 | 48.0 | 48. |
| 46.7 | 118.2 | 13773.1 | 150.0 | -57.4 | -94.9 | 238.6 | 27.4 | 23.4 | 9.1 | 371.1 | 337.2 | 99.9 | 99.9 | 53.1 | 50. |
| 50.4 | 124.7 | 14930.3 | 125.0 | -55.7 | -99.9 | 246.3 | 25.7 | 24.0 | 7.7 | 394.2 | 339.9 | 99.9 | 99.9 | 57.4 | 51. |
| 54.7 | 132.0 | 16334.4 | 100.0 | -60.8 | -99.9 | 252.0 | 19.5 | 17.9 | 5.7 | 410.3 | 344.2 | 99.9 | 99.9 | 62.5 | 53. |
| 60.3 | 141.0 | 18118.4 | 75.0 | -62.6 | -99.9 | 247.4 | 18.3 | 17.1 | 5.7 | 441.6 | 344.2 | 99.9 | 99.9 | 65.7 | 54. |
| 67.9 | 151.0 | 20614.3 | 50.0 | -60.3 | -99.9 | 244.4 | 3.5 | 3.2 | 1.5 | 501.5 | 344.2 | 99.9 | 99.9 | 67.8 | 54. |
| 99.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 ** BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 *** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
 **** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

| STATION NO. 349 MONETT, MISSOURI | | | | | | | | | | | | | | | 24 APRIL 1982 1400 GMT | | | 159 8. 0 | | | | | |
|-------------------------------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|---------------------------|--|--|----------|--|--|--|--|--|
| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEN PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG | | | | | | | | |
| 0 0 | 9 7 | 438 0 | 968 8 | 11 1 | 1 6 | 160 0 | 3 1 | -1 1 | 2 9 | 286 8 | 298 7 | 4 5 | 52 0 | 0 0 | 0 0 | | | | | | | | |
| 99 9 | 99 9 | 1000 0 | 1000 0 | 99 9 | 99 9 | 99 9 | 99 9 | 99 9 | 99 9 | 99 9 | 999 9 | 99 9 | 999 9 | 999 9 | 999 9 | | | | | | | | |
| 99 9 | 99 9 | 975 0 | 975 0 | 99 9 | 99 9 | 99 9 | 99 9 | 99 9 | 99 9 | 99 9 | 999 9 | 99 9 | 999 9 | 999 9 | 999 9 | | | | | | | | |
| 0 5 | 11 5 | 601 1 | 950 0 | 9 7 | -2 2 | 198 4 | 8 1 | 2 6 | 7 7 | 287 0 | 296 3 | 3 4 | 43 3 | 0 3 | 357 1 | | | | | | | | |
| 1 5 | 14 0 | 822 7 | 925 0 | 10 3 | -5 5 | 206 6 | 7 9 | 3 5 | 7 1 | 289 9 | 297 5 | 2 7 | 32 3 | 0 7 | 12 1 | | | | | | | | |
| 2 3 | 16 6 | 1050 1 | 900 0 | 8 6 | -6 6 | 207 1 | 7 1 | 3 2 | 6 3 | 290 3 | 297 6 | 2 6 | 33 5 | 1 1 | 18 1 | | | | | | | | |
| 3 2 | 19 1 | 1282 2 | 875 0 | 6 8 | -8 0 | 199 4 | 7 1 | 2 4 | 6 7 | 290 9 | 298 7 | 2 8 | 33 6 | 1 5 | 19 1 | | | | | | | | |
| 4 2 | 21 7 | 1519 5 | 850 0 | 4 8 | -7 8 | 187 4 | 7 6 | 1 0 | 6 7 | 291 1 | 298 0 | 2 5 | 38 8 | 1 9 | 18 1 | | | | | | | | |
| 5 0 | 24 3 | 1762 2 | 825 0 | 3 0 | -8 0 | 183 4 | 6 8 | 0 4 | 6 8 | 291 8 | 299 1 | 2 5 | 44 8 | 2 2 | 16 1 | | | | | | | | |
| 5 9 | 26 8 | 2010 7 | 800 0 | 1 1 | -6 1 | 182 1 | 6 3 | 0 2 | 6 4 | 292 3 | 300 8 | 3 0 | 58 4 | 2 6 | 14 1 | | | | | | | | |
| 6 8 | 29 4 | 2285 8 | 775 0 | 0 7 | -12 2 | 203 3 | 7 0 | 0 2 | 5 9 | 294 6 | 300 2 | 1 9 | 37 3 | 2 9 | 13 1 | | | | | | | | |
| 7 7 | 32 1 | 2528 9 | 750 0 | 0 8 | -8 6 | 210 5 | 6 8 | 2 5 | 5 9 | 297 5 | 305 0 | 2 6 | 48 3 | 3 3 | 16 1 | | | | | | | | |
| 8 7 | 34 8 | 2801 5 | 725 0 | 0 3 | -5 8 | 215 2 | 5 0 | 2 9 | 4 1 | 299 8 | 314 1 | 3 4 | 63 9 | 3 6 | 17 1 | | | | | | | | |
| 9 8 | 37 4 | 3082 4 | 700 0 | -1 4 | -2 2 | 218 4 | 5 6 | 3 5 | 4 4 | 300 9 | 319 7 | 4 7 | 94 5 | 3 9 | 19 1 | | | | | | | | |
| 11 0 | 40 2 | 3372 0 | 675 0 | -2 3 | -6 2 | 213 6 | 8 5 | 3 6 | 5 4 | 303 1 | 313 3 | 3 6 | 74 7 | 4 3 | 20 1 | | | | | | | | |
| 12 2 | 43 0 | 3671 0 | 650 0 | -3 8 | -9 3 | 216 8 | 7 9 | 4 8 | 6 4 | 304 7 | 313 3 | 2 9 | 85 5 | 4 8 | 22 1 | | | | | | | | |
| 13 4 | 45 8 | 3980 0 | 625 0 | -5 3 | -17 2 | 225 1 | 9 5 | 5 8 | 8 1 | 306 4 | 311 3 | 1 6 | 95 5 | 5 5 | 24 1 | | | | | | | | |
| 14 6 | 48 6 | 4299 3 | 600 0 | -7 5 | -19 2 | 215 4 | 9 9 | 5 8 | 8 1 | 307 4 | 311 8 | 1 4 | 98 6 | 6 1 | 26 1 | | | | | | | | |
| 15 9 | 51 5 | 4629 6 | 575 0 | -9 3 | -22 0 | 201 8 | 8 9 | 3 3 | 8 3 | 309 1 | 312 7 | 1 1 | 98 6 | 6 1 | 26 1 | | | | | | | | |
| 17 3 | 54 5 | 4972 7 | 550 0 | -10 1 | -24 4 | 200 6 | 7 4 | 2 6 | 6 9 | 312 1 | 315 2 | 1 0 | 98 6 | 6 1 | 26 1 | | | | | | | | |
| 18 7 | 57 5 | 5330 5 | 525 0 | -11 8 | -26 0 | 217 3 | 7 7 | 4 7 | 6 1 | 314 2 | 317 9 | 0 9 | 98 6 | 6 1 | 26 1 | | | | | | | | |
| 20 1 | 60 8 | 5702 2 | 500 0 | -14 5 | -28 3 | 222 0 | 9 8 | 6 5 | 7 3 | 315 4 | 317 9 | 0 7 | 98 6 | 6 1 | 26 1 | | | | | | | | |
| 21 6 | 63 8 | 6088 6 | 475 0 | -17 7 | -31 1 | 222 7 | 10 6 | 7 2 | 7 8 | 316 1 | 318 1 | 0 6 | 98 6 | 6 1 | 26 1 | | | | | | | | |
| 23 0 | 67 0 | 6491 3 | 450 0 | -20 3 | -32 0 | 220 5 | 12 8 | 8 2 | 9 6 | 317 8 | 319 7 | 0 6 | 98 6 | 6 1 | 26 1 | | | | | | | | |
| 24 4 | 70 4 | 6912 2 | 425 0 | -23 8 | -33 0 | 224 4 | 14 4 | 10 1 | 10 3 | 318 4 | 320 8 | 0 7 | 98 6 | 6 1 | 26 1 | | | | | | | | |
| 26 0 | 73 7 | 7352 3 | 400 0 | -26 6 | -33 0 | 233 1 | 14 9 | 10 5 | 8 4 | 320 5 | 322 5 | 0 6 | 98 6 | 6 1 | 26 1 | | | | | | | | |
| 27 7 | 77 3 | 7815 4 | 375 0 | -30 3 | -37 5 | 233 1 | 14 9 | 11 9 | 8 9 | 321 5 | 322 9 | 0 4 | 98 6 | 6 1 | 26 1 | | | | | | | | |
| 29 8 | 80 9 | 8301 6 | 350 0 | -34 6 | -40 3 | 233 8 | 17 1 | 13 8 | 10 1 | 322 1 | 323 3 | 0 3 | 98 6 | 6 1 | 26 1 | | | | | | | | |
| 31 6 | 84 7 | 8814 6 | 325 0 | -39 0 | -48 6 | 233 4 | 17 8 | 13 9 | 11 1 | 322 9 | 323 3 | 0 1 | 98 6 | 6 1 | 26 1 | | | | | | | | |
| 33 6 | 88 7 | 9357 7 | 300 0 | -44 2 | -51 1 | 232 2 | 20 9 | 16 5 | 12 8 | 323 1 | 323 4 | 0 1 | 98 6 | 6 1 | 26 1 | | | | | | | | |
| 35 6 | 92 8 | 9935 5 | 275 0 | -48 6 | -51 1 | 232 2 | 20 9 | 16 5 | 12 8 | 323 1 | 323 4 | 0 1 | 98 6 | 6 1 | 26 1 | | | | | | | | |
| 37 5 | 97 0 | 10554 1 | 250 0 | -54 4 | -51 1 | 232 2 | 20 9 | 16 5 | 12 8 | 323 1 | 323 4 | 0 1 | 98 6 | 6 1 | 26 1 | | | | | | | | |
| 39 5 | 101 4 | 11221 1 | 225 0 | -59 5 | -51 1 | 232 2 | 20 9 | 16 5 | 12 8 | 323 1 | 323 4 | 0 1 | 98 6 | 6 1 | 26 1 | | | | | | | | |
| 42 0 | 106 2 | 11954 5 | 200 0 | -58 5 | -51 1 | 232 2 | 20 9 | 16 5 | 12 8 | 323 1 | 323 4 | 0 1 | 98 6 | 6 1 | 26 1 | | | | | | | | |
| 44 9 | 111 4 | 12801 1 | 175 0 | -56 8 | -51 1 | 232 2 | 20 9 | 16 5 | 12 8 | 323 1 | 323 4 | 0 1 | 98 6 | 6 1 | 26 1 | | | | | | | | |
| 48 0 | 117 2 | 13775 9 | 150 0 | -56 3 | -51 1 | 232 2 | 20 9 | 16 5 | 12 8 | 323 1 | 323 4 | 0 1 | 98 6 | 6 1 | 26 1 | | | | | | | | |
| 51 8 | 123 5 | 14938 0 | 125 0 | -55 6 | -51 1 | 232 2 | 20 9 | 16 5 | 12 8 | 323 1 | 323 4 | 0 1 | 98 6 | 6 1 | 26 1 | | | | | | | | |
| 56 3 | 130 7 | 16348 5 | 100 0 | -59 4 | -51 1 | 232 2 | 20 9 | 16 5 | 12 8 | 323 1 | 323 4 | 0 1 | 98 6 | 6 1 | 26 1 | | | | | | | | |
| 61 7 | 139 0 | 20677 1 | 75 0 | -60 9 | -51 1 | 232 2 | 20 9 | 16 5 | 12 8 | 323 1 | 323 4 | 0 1 | 98 6 | 6 1 | 26 1 | | | | | | | | |
| 69 3 | 149 0 | 25091 8 | 50 0 | -57 1 | -51 1 | 232 2 | 20 9 | 16 5 | 12 8 | 323 1 | 323 4 | 0 1 | 98 6 | 6 1 | 26 1 | | | | | | | | |
| 80 9 | 160 0 | | 25 0 | -52 7 | -51 1 | 232 2 | 20 9 | 16 5 | 12 8 | 323 1 | 323 4 | 0 1 | 98 6 | 6 1 | 26 1 | | | | | | | | |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 ** BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 *** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
 **** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 349
MONETT, MISSOURI
24 APRIL 1982
1700 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 10.1 | 438.0 | 967.4 | 16.9 | -0.8 | 170.0 | 3.6 | -0.6 | 3.5 | 292.8 | 303.2 | 3.7 | 30.0 | 0.0 | 0 |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999 |
| 0.6 | 11.7 | 591.6 | 950.0 | 13.8 | -4.1 | 176.7 | 6.6 | -0.4 | 6.6 | 291.2 | 299.4 | 3.0 | 28.7 | 0.3 | 344 |
| 1.4 | 14.2 | 815.3 | 925.0 | 11.8 | -3.8 | 176.5 | 7.4 | -0.4 | 6.4 | 291.4 | 300.1 | 3.1 | 38.1 | 0.6 | 351 |
| 2.4 | 16.8 | 1943.5 | 900.0 | 9.6 | -4.0 | 168.9 | 6.3 | -1.9 | 6.2 | 291.4 | 300.7 | 3.2 | 44.7 | 1.1 | 352 |
| 3.6 | 19.3 | 1276.4 | 875.0 | 7.5 | -3.8 | 168.9 | 6.7 | -1.9 | 6.2 | 291.6 | 300.7 | 3.2 | 44.7 | 1.5 | 350 |
| 4.5 | 21.9 | 1514.1 | 850.0 | 5.2 | -4.0 | 158.3 | 6.5 | -2.4 | 6.1 | 291.6 | 300.6 | 3.4 | 51.3 | 1.8 | 349 |
| 5.4 | 24.5 | 1757.0 | 825.0 | 3.0 | -4.0 | 164.6 | 7.1 | -2.0 | 7.2 | 291.8 | 300.6 | 3.4 | 55.4 | 2.2 | 347 |
| 6.3 | 27.1 | 2005.6 | 800.0 | 1.9 | -8.1 | 178.4 | 7.2 | -0.2 | 7.1 | 296.9 | 300.6 | 3.1 | 50.5 | 3.0 | 350 |
| 7.2 | 29.7 | 2262.0 | 775.0 | 2.8 | -7.3 | 197.8 | 7.8 | 4.1 | 6.9 | 300.1 | 315.5 | 5.6 | 50.5 | 3.3 | 355 |
| 8.3 | 32.4 | 2528.2 | 750.0 | 3.2 | -7.3 | 212.3 | 8.6 | 4.4 | 7.4 | 301.2 | 315.1 | 4.9 | 83.4 | 3.8 | 360 |
| 9.3 | 35.1 | 2802.5 | 725.0 | 1.5 | -1.0 | 210.9 | 8.6 | 3.1 | 8.0 | 302.1 | 314.9 | 4.5 | 84.6 | 4.2 | 3 |
| 10.3 | 37.8 | 3084.9 | 700.0 | -0.4 | -2.6 | 201.1 | 8.1 | 3.1 | 7.5 | 305.4 | 313.1 | 2.6 | 46.2 | 4.7 | 4 |
| 11.3 | 40.6 | 3376.4 | 675.0 | -0.2 | -10.5 | 202.3 | 10.0 | 5.8 | 8.2 | 306.8 | 312.6 | 1.9 | 37.6 | 5.2 | 7 |
| 12.4 | 43.3 | 3677.6 | 650.0 | -2.0 | -14.5 | 215.4 | 12.7 | 8.0 | 9.8 | 307.6 | 313.2 | 1.6 | 40.7 | 5.6 | 11 |
| 13.4 | 46.1 | 3988.2 | 625.0 | -4.2 | -15.5 | 219.2 | 14.3 | 8.3 | 11.7 | 308.7 | 313.7 | 1.4 | 40.5 | 6.6 | 14 |
| 14.5 | 49.0 | 4308.8 | 600.0 | -6.4 | -15.6 | 210.6 | 17.0 | 8.7 | 14.7 | 309.8 | 314.2 | 1.3 | 40.5 | 7.7 | 17 |
| 15.7 | 51.9 | 4640.4 | 575.0 | -8.7 | -19.6 | 208.1 | 18.9 | 8.9 | 16.6 | 310.6 | 314.6 | 0.7 | 45.3 | 8.9 | 18 |
| 16.8 | 54.9 | 4983.3 | 550.0 | -11.4 | -20.8 | 204.5 | 15.9 | 6.6 | 14.5 | 312.2 | 317.8 | 0.9 | 44.0 | 10.1 | 19 |
| 17.9 | 57.9 | 5338.3 | 525.0 | -13.5 | -27.9 | 201.2 | 13.2 | 4.8 | 12.3 | 314.9 | 318.2 | 0.8 | 60.2 | 11.3 | 20 |
| 19.3 | 61.0 | 5708.9 | 500.0 | -14.9 | -26.2 | 208.3 | 12.0 | 5.7 | 10.6 | 315.4 | 322.4 | 1.1 | 51.5 | 12.5 | 21 |
| 21.0 | 64.3 | 6094.5 | 475.0 | -18.3 | -27.6 | 221.0 | 14.0 | 9.2 | 10.4 | 318.8 | 322.3 | 0.7 | 51.5 | 13.7 | 24 |
| 22.6 | 67.5 | 6498.0 | 450.0 | -19.5 | -25.2 | 228.9 | 15.9 | 12.0 | 10.4 | 319.8 | 322.3 | 0.6 | 51.5 | 15.1 | 26 |
| 24.2 | 70.9 | 6899.7 | 425.0 | -22.8 | -30.0 | 233.4 | 16.0 | 12.9 | 9.6 | 320.4 | 322.3 | 0.5 | 51.5 | 16.5 | 29 |
| 25.9 | 74.1 | 7361.0 | 400.0 | -26.6 | -33.6 | 239.0 | 15.3 | 11.6 | 11.1 | 320.8 | 323.2 | 0.3 | 58.4 | 17.9 | 30 |
| 27.6 | 77.7 | 7823.2 | 375.0 | -30.8 | -35.6 | 229.0 | 14.7 | 9.6 | 11.1 | 322.0 | 323.2 | 0.3 | 58.4 | 19.3 | 30 |
| 29.2 | 81.3 | 8309.2 | 350.0 | -34.7 | -39.9 | 220.8 | 19.3 | 11.2 | 15.7 | 323.0 | 323.2 | 0.3 | 58.4 | 21.0 | 30 |
| 31.0 | 85.1 | 8822.5 | 325.0 | -38.9 | 99.9 | 215.6 | 19.3 | 14.1 | 18.2 | 323.5 | 323.5 | 0.3 | 58.4 | 22.8 | 31 |
| 32.4 | 88.9 | 9355.9 | 300.0 | -43.9 | 99.9 | 217.7 | 23.0 | 19.2 | 22.2 | 324.4 | 323.5 | 0.3 | 58.4 | 25.5 | 32 |
| 34.1 | 93.0 | 9943.4 | 275.0 | -48.9 | 99.9 | 220.5 | 29.4 | 22.0 | 25.8 | 325.1 | 323.5 | 0.3 | 58.4 | 29.9 | 33 |
| 36.2 | 97.2 | 10591.5 | 250.0 | -54.5 | 99.9 | 227.4 | 33.9 | 22.0 | 18.7 | 330.7 | 323.5 | 0.3 | 58.4 | 33.9 | 34 |
| 38.4 | 101.7 | 11220.1 | 225.0 | -57.3 | 99.9 | 230.5 | 27.6 | 20.3 | 12.0 | 341.9 | 323.5 | 0.3 | 58.4 | 40.1 | 37 |
| 40.9 | 106.6 | 11971.3 | 200.0 | -57.4 | 99.9 | 233.0 | 20.8 | 16.6 | 12.5 | 357.2 | 323.5 | 0.3 | 58.4 | 43.7 | 39 |
| 43.7 | 112.0 | 12815.3 | 175.0 | -56.2 | 99.9 | 235.9 | 22.5 | 20.5 | 6.2 | 374.1 | 323.5 | 0.3 | 58.4 | 48.3 | 42 |
| 46.8 | 117.7 | 13797.7 | 150.0 | -55.7 | 99.9 | 245.9 | 22.5 | 20.3 | 5.9 | 394.6 | 323.5 | 0.3 | 58.4 | 52.5 | 45 |
| 50.5 | 124.2 | 14953.7 | 125.0 | -55.4 | 99.9 | 253.9 | 21.2 | 16.7 | 3.6 | 415.6 | 323.5 | 0.3 | 58.4 | 56.7 | 48 |
| 55.0 | 131.5 | 16377.2 | 100.0 | -58.1 | 99.9 | 257.9 | 17.1 | 13.1 | -2.4 | 448.1 | 323.5 | 0.3 | 58.4 | 58.7 | 50 |
| 60.8 | 140.3 | 18183.7 | 75.0 | -59.6 | 99.9 | 268.4 | 13.1 | 2.8 | -2.7 | 507.3 | 323.5 | 0.3 | 58.4 | 57.9 | 50 |
| 68.3 | 150.0 | 20722.4 | 50.0 | -57.8 | 99.9 | 310.0 | 3.7 | -4.4 | | 641.7 | 323.5 | 0.3 | 58.4 | | |
| 80.3 | 160.5 | 25174.3 | 25.0 | -49.8 | 99.9 | 121.5 | 5.1 | | | | | | | | |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

** BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE 14
OF POOR QUALITY

STATION NO. 349
MONETT, MISSOURI

24 APRIL 1982
2000 GMT

| TIME MIN | CNCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE NM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 10.2 | 438.0 | 965.9 | 18.3 | 3.4 | 180.0 | 7.7 | 0.0 | 7.7 | 284.4 | 308.2 | 5.1 | 37.0 | 0.0 | 0.0 |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.7 | 11.9 | 579.1 | 950.0 | 15.2 | -2.7 | 186.2 | 8.6 | 0.9 | 8.6 | 292.6 | 301.8 | 3.3 | 29.0 | 0.3 | 3.3 |
| 1.5 | 14.6 | 803.7 | 925.0 | 12.5 | -4.3 | 182.6 | 8.8 | 0.4 | 8.8 | 292.1 | 300.5 | 3.0 | 30.7 | 0.7 | 6.6 |
| 2.4 | 17.1 | 1032.6 | 900.0 | 10.8 | -4.4 | 173.5 | 8.2 | -0.9 | 8.2 | 292.6 | 301.2 | 3.1 | 34.1 | 1.2 | 2.2 |
| 3.3 | 19.8 | 1266.3 | 875.0 | 8.3 | -4.8 | 164.1 | 8.2 | -2.2 | 7.9 | 292.6 | 301.0 | 3.1 | 38.9 | 1.6 | 39.9 |
| 4.3 | 22.4 | 1505.0 | 850.0 | 6.2 | -5.2 | 155.4 | 8.2 | -3.3 | 7.3 | 292.7 | 301.3 | 3.1 | 43.7 | 2.1 | 35.5 |
| 5.2 | 25.1 | 1748.7 | 825.0 | 4.0 | -5.7 | 149.1 | 8.2 | -4.2 | 7.0 | 292.8 | 301.3 | 3.0 | 49.0 | 2.5 | 35.0 |
| 6.1 | 27.8 | 1997.9 | 800.0 | 1.4 | -6.4 | 143.9 | 9.0 | -4.0 | 8.1 | 292.6 | 301.0 | 3.0 | 56.3 | 2.9 | 37.7 |
| 7.1 | 30.6 | 2255.9 | 775.0 | 2.5 | -1.5 | 133.9 | 9.2 | -0.6 | 9.1 | 292.5 | 308.9 | 4.5 | 75.0 | 3.5 | 37.7 |
| 8.1 | 33.2 | 2519.7 | 750.0 | 2.8 | -1.1 | 126.4 | 9.9 | -0.5 | 9.9 | 299.7 | 315.1 | 5.6 | 88.6 | 4.1 | 34.9 |
| 9.1 | 36.0 | 2794.2 | 725.0 | 1.8 | -1.2 | 119.1 | 10.1 | -0.4 | 9.8 | 301.4 | 315.1 | 4.8 | 80.8 | 4.6 | 35.1 |
| 10.1 | 38.9 | 3078.5 | 700.0 | -0.4 | -2.3 | 109.2 | 11.7 | 3.8 | 11.0 | 302.0 | 315.2 | 4.3 | 87.4 | 5.2 | 35.1 |
| 11.1 | 41.8 | 3368.9 | 675.0 | -2.0 | -3.9 | 205.9 | 10.9 | 4.7 | 9.8 | 303.5 | 312.9 | 2.2 | 86.8 | 5.8 | 35.8 |
| 12.1 | 44.6 | 3667.2 | 650.0 | -2.4 | -12.7 | 205.6 | 9.9 | 4.3 | 8.9 | 306.2 | 312.7 | 2.2 | 44.8 | 6.4 | 1.1 |
| 13.1 | 47.5 | 3977.0 | 625.0 | -5.3 | -14.0 | 199.4 | 8.9 | 3.0 | 8.4 | 306.4 | 312.7 | 2.0 | 50.4 | 6.9 | 2.3 |
| 14.3 | 50.5 | 4296.0 | 600.0 | -8.1 | -14.8 | 195.4 | 7.4 | 2.0 | 7.2 | 308.7 | 312.9 | 2.0 | 58.7 | 7.4 | 3.4 |
| 15.5 | 53.5 | 4625.3 | 575.0 | -10.4 | -12.9 | 190.8 | 9.3 | 1.7 | 9.1 | 317.8 | 315.2 | 2.5 | 82.1 | 8.0 | 4.4 |
| 16.8 | 56.5 | 4966.8 | 550.0 | -11.7 | -12.8 | 199.1 | 12.2 | 4.0 | 11.5 | 310.3 | 318.1 | 2.5 | 91.1 | 8.8 | 5.5 |
| 18.1 | 59.5 | 5323.1 | 525.0 | -13.0 | -14.2 | 210.9 | 15.3 | 7.9 | 13.1 | 312.3 | 320.3 | 2.4 | 91.0 | 9.9 | 7.7 |
| 19.4 | 62.8 | 5693.4 | 500.0 | -15.4 | -16.5 | 213.3 | 15.1 | 8.3 | 12.7 | 314.3 | 320.8 | 2.1 | 91.2 | 11.0 | 10.0 |
| 20.9 | 66.0 | 6078.8 | 475.0 | -18.1 | -19.3 | 213.4 | 14.6 | 8.0 | 12.2 | 315.6 | 321.1 | 1.1 | 90.2 | 12.2 | 12.2 |
| 22.4 | 69.4 | 6480.4 | 450.0 | -21.6 | -25.5 | 220.7 | 14.3 | 9.3 | 10.8 | 316.1 | 319.5 | 1.1 | 70.4 | 13.4 | 15.0 |
| 24.0 | 72.7 | 6898.3 | 425.0 | -25.6 | -36.0 | 227.0 | 18.6 | 13.6 | 12.7 | 316.2 | 317.8 | 0.5 | 40.4 | 14.6 | 17.1 |
| 25.6 | 76.1 | 7336.6 | 400.0 | -27.6 | -38.0 | 222.5 | 24.6 | 18.7 | 18.1 | 319.1 | 320.6 | 0.4 | 44.2 | 16.5 | 21.1 |
| 27.3 | 79.8 | 7797.5 | 375.0 | -31.1 | -39.3 | 213.9 | 26.8 | 14.9 | 22.2 | 320.4 | 322.0 | 0.3 | 59.7 | 19.1 | 23.3 |
| 28.9 | 83.3 | 8283.9 | 350.0 | -34.4 | -39.9 | 205.2 | 24.2 | 10.3 | 21.9 | 322.4 | 323.5 | 0.3 | 57.2 | 21.6 | 24.4 |
| 30.8 | 87.1 | 8797.0 | 325.0 | -39.1 | 99.9 | 200.6 | 21.5 | 7.6 | 20.1 | 322.5 | 323.5 | 99.9 | 99.9 | 24.0 | 24.4 |
| 32.5 | 91.0 | 9339.9 | 300.0 | -43.7 | 99.9 | 204.6 | 27.1 | 11.4 | 20.1 | 323.8 | 323.8 | 99.9 | 99.9 | 26.5 | 24.4 |
| 34.4 | 95.2 | 9918.0 | 275.0 | -49.0 | 99.9 | 210.1 | 34.2 | 17.2 | 24.7 | 324.3 | 323.8 | 99.9 | 99.9 | 29.9 | 24.4 |
| 36.5 | 99.5 | 10538.0 | 250.0 | -53.3 | 99.9 | 214.2 | 40.4 | 22.7 | 33.4 | 326.9 | 323.8 | 99.9 | 99.9 | 34.6 | 25.5 |
| 38.7 | 104.0 | 11208.4 | 225.0 | -58.1 | 99.9 | 220.0 | 31.5 | 20.2 | 24.1 | 329.5 | 323.8 | 99.9 | 99.9 | 39.7 | 27.7 |
| 41.0 | 108.8 | 11949.0 | 200.0 | -58.9 | 99.9 | 229.7 | 21.4 | 16.3 | 13.9 | 339.5 | 323.8 | 99.9 | 99.9 | 43.0 | 38.0 |
| 44.1 | 114.2 | 12791.5 | 175.0 | -57.0 | 99.9 | 243.1 | 21.9 | 19.6 | 9.9 | 355.9 | 323.8 | 99.9 | 99.9 | 48.3 | 38.0 |
| 47.6 | 120.0 | 13775.8 | 150.0 | -54.0 | 99.9 | 249.8 | 21.0 | 19.7 | 7.3 | 377.1 | 323.8 | 99.9 | 99.9 | 49.9 | 33.3 |
| 51.5 | 126.2 | 14940.3 | 125.0 | -56.0 | 99.9 | 249.5 | 21.5 | 20.1 | 7.5 | 393.7 | 323.8 | 99.9 | 99.9 | 54.2 | 37.7 |
| 56.2 | 133.5 | 16348.3 | 100.0 | -58.9 | 99.9 | 253.5 | 17.4 | 16.7 | 4.9 | 414.1 | 323.8 | 99.9 | 99.9 | 58.6 | 40.0 |
| 62.1 | 142.0 | 18149.4 | 75.0 | -60.9 | 99.9 | 271.7 | 13.4 | 13.4 | -0.4 | 445.3 | 323.8 | 99.9 | 99.9 | 62.5 | 43.3 |
| 69.6 | 151.7 | 20680.1 | 50.0 | -58.8 | 99.9 | 202.8 | 3.9 | 1.5 | 3.6 | 505.1 | 323.8 | 99.9 | 99.9 | 65.1 | 45.0 |
| 81.7 | 162.5 | 25120.1 | 25.0 | -51.5 | 99.9 | 192.8 | 3.4 | 0.8 | 3.3 | 636.7 | 323.8 | 99.9 | 99.9 | 65.0 | 45.0 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
 ** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

STATION NO. 349
MONETT, MISSOURI

25 APRIL 1982
200 GMT

| TIME MIN | ONTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RIO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 10.1 | 438.0 | 983.4 | 11.9 | 4.6 | 190.0 | 2.6 | 0.5 | 2.6 | 288.1 | 302.8 | 5.5 | 61.0 | 0.0 | 0 |
| 99.9 | 99.9 | 1000.0 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999 |
| 0.3 | 11.4 | 555.5 | 950.0 | 12.2 | 0.7 | 170.3 | 7.6 | -1.3 | 7.5 | 289.6 | 301.0 | 4.2 | 45.1 | 0.2 | 350 |
| 1.1 | 14.0 | 778.2 | 925.0 | 10.5 | 0.2 | 164.5 | 10.0 | -3.7 | 9.6 | 290.1 | 301.4 | 4.2 | 48.6 | 0.5 | 347 |
| 1.9 | 16.6 | 1005.7 | 900.0 | 8.7 | 0.0 | 163.6 | 11.7 | -3.3 | 11.2 | 290.5 | 302.1 | 4.2 | 54.3 | 1.1 | 346 |
| 2.6 | 19.1 | 1237.9 | 875.0 | 6.6 | -0.6 | 165.0 | 12.2 | -3.2 | 11.8 | 290.6 | 302.0 | 4.2 | 60.1 | 1.6 | 345 |
| 3.4 | 21.8 | 1475.0 | 850.0 | 4.4 | -1.6 | 174.0 | 13.3 | -1.4 | 13.2 | 290.8 | 301.7 | 4.0 | 64.8 | 2.2 | 345 |
| 4.1 | 24.4 | 1718.3 | 825.0 | 5.0 | 4.2 | 194.6 | 14.0 | 3.5 | 13.5 | 293.9 | 310.9 | 6.3 | 84.6 | 2.8 | 349 |
| 4.9 | 27.0 | 1970.7 | 800.0 | 6.0 | 4.5 | 205.7 | 15.5 | 5.4 | 11.2 | 297.6 | 315.6 | 6.6 | 90.1 | 3.3 | 356 |
| 5.8 | 29.5 | 2230.6 | 775.0 | 4.3 | 2.8 | 210.5 | 10.5 | 5.3 | 9.1 | 298.4 | 315.0 | 6.0 | 89.9 | 3.8 | 0 |
| 6.7 | 32.2 | 2497.1 | 750.0 | 2.4 | 1.7 | 214.3 | 9.5 | 5.3 | 7.8 | 299.2 | 315.3 | 5.8 | 94.8 | 4.7 | 8 |
| 7.7 | 34.9 | 2770.7 | 725.0 | 0.4 | -0.3 | 224.8 | 8.6 | 6.0 | 6.1 | 299.9 | 314.4 | 5.2 | 95.1 | 4.7 | 8 |
| 8.6 | 37.6 | 3052.2 | 700.0 | -0.9 | -1.6 | 223.6 | 8.7 | 6.0 | 6.3 | 301.5 | 315.3 | 4.9 | 94.9 | 5.1 | 11 |
| 9.6 | 40.4 | 3342.0 | 675.0 | -3.1 | -3.7 | 221.8 | 9.4 | 5.0 | 6.3 | 302.2 | 314.5 | 4.3 | 95.8 | 5.6 | 14 |
| 10.6 | 43.2 | 3640.4 | 650.0 | -5.0 | -7.3 | 223.1 | 7.3 | 5.0 | 5.3 | 303.3 | 313.2 | 3.4 | 84.3 | 6.0 | 16 |
| 11.5 | 46.1 | 3947.3 | 625.0 | -7.5 | -15.6 | 243.3 | 9.0 | 7.2 | 5.4 | 303.9 | 309.4 | 1.2 | 52.2 | 6.4 | 18 |
| 12.5 | 49.0 | 4264.6 | 600.0 | -8.8 | -19.2 | 243.3 | 11.3 | 10.1 | 5.1 | 306.0 | 310.3 | 1.4 | 42.3 | 6.8 | 21 |
| 13.8 | 52.0 | 4593.6 | 575.0 | -10.4 | -18.9 | 234.9 | 12.4 | 10.2 | 7.1 | 307.8 | 312.5 | 1.5 | 49.5 | 7.5 | 26 |
| 14.9 | 55.0 | 4934.6 | 550.0 | -12.9 | -20.9 | 221.5 | 12.9 | 8.5 | 9.6 | 308.7 | 312.8 | 1.3 | 50.9 | 8.3 | 28 |
| 16.2 | 58.0 | 5287.5 | 525.0 | -15.7 | -25.2 | 212.4 | 11.4 | 6.1 | 9.7 | 309.5 | 312.5 | 0.9 | 43.7 | 9.2 | 29 |
| 17.3 | 61.1 | 5653.5 | 500.0 | -18.7 | -29.3 | 210.4 | 11.2 | 5.7 | 7.7 | 310.3 | 312.1 | 0.7 | 38.7 | 10.0 | 29 |
| 18.8 | 64.4 | 6033.8 | 475.0 | -21.9 | -37.0 | 226.1 | 11.1 | 8.0 | 7.7 | 310.9 | 312.1 | 0.3 | 23.8 | 10.9 | 30 |
| 20.1 | 67.6 | 6429.5 | 450.0 | -25.0 | -39.6 | 222.9 | 11.1 | 8.6 | 10.3 | 311.9 | 312.6 | 0.3 | 24.0 | 11.9 | 31 |
| 21.5 | 71.0 | 6842.4 | 425.0 | -27.5 | -42.6 | 207.7 | 17.9 | 8.3 | 15.9 | 313.8 | 314.5 | 0.2 | 21.8 | 13.1 | 32 |
| 22.9 | 74.3 | 7277.7 | 400.0 | -29.0 | -44.9 | 199.3 | 21.1 | 7.0 | 19.9 | 317.3 | 317.9 | 0.2 | 19.9 | 14.8 | 30 |
| 24.6 | 77.9 | 7735.9 | 375.0 | -32.7 | -47.8 | 198.9 | 21.8 | 7.0 | 20.6 | 318.3 | 318.8 | 0.1 | 20.4 | 17.0 | 28 |
| 26.4 | 81.6 | 8217.7 | 350.0 | -36.6 | -51.0 | 198.3 | 21.7 | 6.8 | 20.6 | 319.4 | 319.8 | 0.1 | 20.6 | 19.2 | 27 |
| 28.3 | 85.3 | 8727.5 | 325.0 | -40.1 | -59.9 | 195.3 | 22.2 | 5.9 | 21.4 | 321.4 | 321.4 | 99.9 | 99.9 | 21.7 | 25 |
| 30.4 | 89.3 | 9269.8 | 300.0 | -43.6 | -69.9 | 194.6 | 23.2 | 5.8 | 22.5 | 323.9 | 323.9 | 99.9 | 99.9 | 24.7 | 24 |
| 32.6 | 93.5 | 9849.8 | 275.0 | -47.7 | -79.9 | 191.8 | 23.0 | 4.7 | 22.5 | 326.2 | 326.2 | 99.9 | 99.9 | 27.5 | 23 |
| 35.2 | 97.8 | 10471.2 | 250.0 | -53.0 | -89.9 | 196.5 | 22.7 | 6.4 | 21.7 | 327.3 | 327.3 | 99.9 | 99.9 | 30.9 | 22 |
| 37.6 | 102.4 | 11145.3 | 225.0 | -56.1 | -99.9 | 209.0 | 20.3 | 9.8 | 17.7 | 332.6 | 332.6 | 99.9 | 99.9 | 37.1 | 24 |
| 40.3 | 107.4 | 11894.8 | 200.0 | -54.6 | -99.9 | 228.3 | 20.9 | 15.6 | 13.9 | 346.4 | 346.4 | 99.9 | 99.9 | 40.3 | 26 |
| 43.3 | 112.6 | 12747.9 | 175.0 | -55.2 | -99.9 | 234.0 | 19.8 | 16.0 | 11.6 | 358.9 | 358.9 | 99.9 | 99.9 | 43.6 | 29 |
| 46.8 | 118.4 | 13734.1 | 150.0 | -54.5 | -99.9 | 242.6 | 18.6 | 16.7 | 8.7 | 376.2 | 376.2 | 99.9 | 99.9 | 47.5 | 33 |
| 50.9 | 124.7 | 14897.9 | 125.0 | -55.9 | -99.9 | 257.5 | 18.3 | 17.9 | 4.0 | 393.8 | 393.8 | 99.9 | 99.9 | 50.6 | 37 |
| 55.7 | 132.0 | 16306.1 | 100.0 | -59.7 | -99.9 | 259.8 | 16.0 | 15.8 | 2.8 | 412.4 | 412.4 | 99.9 | 99.9 | 53.9 | 40 |
| 61.4 | 140.5 | 18101.3 | 75.0 | -61.6 | -99.9 | 276.0 | 10.5 | 10.5 | -1.1 | 443.7 | 443.7 | 99.9 | 99.9 | 55.5 | 43 |
| 69.3 | 150.5 | 20622.5 | 50.0 | -57.9 | -99.9 | 276.7 | 3.7 | 3.6 | -0.4 | 507.1 | 507.1 | 99.9 | 99.9 | 55.5 | 43 |
| 81.5 | 161.0 | 25011.8 | 25.0 | -54.6 | -99.9 | 35.9 | 2.3 | -1.4 | -1.9 | 627.8 | 627.8 | 99.9 | 99.9 | 54.9 | 43 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

ORIGINAL PAGE 11
OF POOR

STATION NO. 349
MONETT, MISSOURI
25 APRIL 1962
500 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POI T DG K | MX RTO GM/KG | RH PCT | RANGE KM | 32.0 |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------|-------------|------|
| 0.0 | 10.3 | 438.0 | 963.1 | 11.9 | 4.9 | 170.0 | 6.2 | -1.1 | 6.1 | 288.1 | 5.6 | 62.0 | 0.0 | 0 |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999 |
| 0.3 | 11.5 | 522.7 | 950.0 | 11.1 | 4.3 | 167.2 | 9.2 | -2.1 | 9.0 | 288.5 | 5.5 | 62.5 | 0.3 | 346 |
| 1.3 | 14.0 | 774.6 | 925.0 | 9.2 | 4.3 | 179.5 | 12.7 | -2.1 | 12.6 | 288.7 | 5.6 | 62.5 | 0.9 | 346 |
| 2.1 | 15.5 | 1001.4 | 900.0 | 7.9 | 6.5 | 188.3 | 13.8 | 1.5 | 13.8 | 289.7 | 5.6 | 62.5 | 1.2 | 352 |
| 3.8 | 19.0 | 1234.1 | 875.0 | 7.3 | 6.1 | 203.6 | 11.2 | 4.5 | 10.3 | 291.8 | 7.0 | 62.5 | 1.5 | 358 |
| 3.8 | 21.6 | 1473.7 | 850.0 | 7.3 | 6.1 | 222.1 | 9.2 | 6.2 | 6.9 | 293.8 | 7.0 | 62.5 | 2.2 | 364 |
| 4.7 | 24.1 | 1719.4 | 825.0 | 6.1 | 4.3 | 228.6 | 9.4 | 6.8 | 6.2 | 295.1 | 7.0 | 62.5 | 2.6 | 364 |
| 5.6 | 26.7 | 1971.4 | 800.0 | 4.3 | 3.3 | 237.5 | 9.4 | 7.1 | 6.2 | 295.1 | 7.0 | 62.5 | 3.0 | 364 |
| 6.7 | 29.3 | 2229.6 | 775.0 | 2.7 | 1.8 | 237.5 | 10.4 | 7.1 | 6.2 | 295.1 | 7.0 | 62.5 | 3.4 | 364 |
| 7.8 | 31.9 | 2454.8 | 750.0 | 1.2 | 0.2 | 237.5 | 10.4 | 7.1 | 6.2 | 295.1 | 7.0 | 62.5 | 3.4 | 364 |
| 8.8 | 34.6 | 2767.5 | 725.0 | 0.2 | -1.3 | 237.5 | 10.4 | 7.1 | 6.2 | 295.1 | 7.0 | 62.5 | 3.4 | 364 |
| 10.0 | 37.2 | 3047.9 | 700.0 | -0.2 | -1.3 | 237.5 | 10.4 | 7.1 | 6.2 | 295.1 | 7.0 | 62.5 | 3.4 | 364 |
| 11.2 | 40.0 | 3338.7 | 675.0 | -1.9 | -4.6 | 237.5 | 10.4 | 7.1 | 6.2 | 295.1 | 7.0 | 62.5 | 3.4 | 364 |
| 12.4 | 42.8 | 3634.5 | 650.0 | -3.6 | -6.9 | 237.5 | 10.4 | 7.1 | 6.2 | 295.1 | 7.0 | 62.5 | 3.4 | 364 |
| 13.5 | 45.6 | 3933.2 | 625.0 | -5.0 | -10.1 | 237.5 | 10.4 | 7.1 | 6.2 | 295.1 | 7.0 | 62.5 | 3.4 | 364 |
| 14.7 | 48.4 | 4281.1 | 600.0 | -9.1 | -19.0 | 237.5 | 10.4 | 7.1 | 6.2 | 295.1 | 7.0 | 62.5 | 3.4 | 364 |
| 15.8 | 51.3 | 4588.5 | 575.0 | -13.6 | -28.5 | 237.5 | 10.4 | 7.1 | 6.2 | 295.1 | 7.0 | 62.5 | 3.4 | 364 |
| 17.0 | 54.3 | 4927.8 | 550.0 | -16.3 | -33.7 | 237.5 | 10.4 | 7.1 | 6.2 | 295.1 | 7.0 | 62.5 | 3.4 | 364 |
| 18.3 | 57.3 | 5279.7 | 525.0 | -19.4 | -38.0 | 237.5 | 10.4 | 7.1 | 6.2 | 295.1 | 7.0 | 62.5 | 3.4 | 364 |
| 19.7 | 60.4 | 5644.6 | 500.0 | -22.7 | -40.1 | 237.5 | 10.4 | 7.1 | 6.2 | 295.1 | 7.0 | 62.5 | 3.4 | 364 |
| 21.2 | 63.6 | 6023.5 | 475.0 | -26.1 | -41.2 | 237.5 | 10.4 | 7.1 | 6.2 | 295.1 | 7.0 | 62.5 | 3.4 | 364 |
| 22.7 | 66.1 | 6417.5 | 450.0 | -29.8 | -44.4 | 237.5 | 10.4 | 7.1 | 6.2 | 295.1 | 7.0 | 62.5 | 3.4 | 364 |
| 24.4 | 70.1 | 6828.0 | 425.0 | -33.3 | -48.2 | 237.5 | 10.4 | 7.1 | 6.2 | 295.1 | 7.0 | 62.5 | 3.4 | 364 |
| 26.2 | 73.6 | 7257.4 | 400.0 | -36.6 | -51.3 | 237.5 | 10.4 | 7.1 | 6.2 | 295.1 | 7.0 | 62.5 | 3.4 | 364 |
| 27.9 | 77.0 | 7707.3 | 375.0 | -39.2 | -53.2 | 237.5 | 10.4 | 7.1 | 6.2 | 295.1 | 7.0 | 62.5 | 3.4 | 364 |
| 29.9 | 80.7 | 8183.8 | 350.0 | -40.6 | -53.2 | 237.5 | 10.4 | 7.1 | 6.2 | 295.1 | 7.0 | 62.5 | 3.4 | 364 |
| 31.9 | 84.4 | 8691.6 | 325.0 | -44.0 | -53.2 | 237.5 | 10.4 | 7.1 | 6.2 | 295.1 | 7.0 | 62.5 | 3.4 | 364 |
| 34.1 | 88.3 | 9233.2 | 300.0 | -48.4 | -53.2 | 237.5 | 10.4 | 7.1 | 6.2 | 295.1 | 7.0 | 62.5 | 3.4 | 364 |
| 36.8 | 92.5 | 9811.8 | 275.0 | -51.5 | -53.2 | 237.5 | 10.4 | 7.1 | 6.2 | 295.1 | 7.0 | 62.5 | 3.4 | 364 |
| 39.5 | 97.0 | 10433.5 | 250.0 | -54.5 | -53.2 | 237.5 | 10.4 | 7.1 | 6.2 | 295.1 | 7.0 | 62.5 | 3.4 | 364 |
| 42.4 | 101.5 | 11114.8 | 225.0 | -57.4 | -53.2 | 237.5 | 10.4 | 7.1 | 6.2 | 295.1 | 7.0 | 62.5 | 3.4 | 364 |
| 45.5 | 106.4 | 11870.2 | 200.0 | -59.4 | -53.2 | 237.5 | 10.4 | 7.1 | 6.2 | 295.1 | 7.0 | 62.5 | 3.4 | 364 |
| 49.2 | 111.6 | 12726.1 | 175.0 | -54.5 | -53.2 | 237.5 | 10.4 | 7.1 | 6.2 | 295.1 | 7.0 | 62.5 | 3.4 | 364 |
| 53.4 | 117.5 | 13713.3 | 150.0 | -54.5 | -53.2 | 237.5 | 10.4 | 7.1 | 6.2 | 295.1 | 7.0 | 62.5 | 3.4 | 364 |
| 58.2 | 124.0 | 14877.8 | 125.0 | -55.4 | -53.2 | 237.5 | 10.4 | 7.1 | 6.2 | 295.1 | 7.0 | 62.5 | 3.4 | 364 |
| 63.7 | 131.0 | 16283.3 | 100.0 | -60.4 | -53.2 | 237.5 | 10.4 | 7.1 | 6.2 | 295.1 | 7.0 | 62.5 | 3.4 | 364 |
| 71.3 | 139.3 | 18083.5 | 75.0 | -61.5 | -53.2 | 237.5 | 10.4 | 7.1 | 6.2 | 295.1 | 7.0 | 62.5 | 3.4 | 364 |
| 82.3 | 149.0 | 20602.4 | 50.0 | -60.4 | -53.2 | 237.5 | 10.4 | 7.1 | 6.2 | 295.1 | 7.0 | 62.5 | 3.4 | 364 |
| 99.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 ** BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 *** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
 **** BY TEMP MEANS MISSING DATA STRAIGHT EXCEEDS 5 CONTACTS

STATION NO. 353
OKLAHOMA CITY, OKLAHOMA

24 APRIL 1982
1415 GMT

| TIME MIN | ENTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 00 | 9.6 | 392.0 | 971.6 | 12.2 | 3.7 | 160.0 | 5.7 | -1.9 | 5.4 | 287.7 | 301.4 | 5.1 | 56.0 | 0.0 | 0 |
| 01 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999 |
| 02 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999 |
| 03 | 11.8 | 579.6 | 950.0 | 9.5 | 4.0 | 183.1 | 11.7 | 0.6 | 11.7 | 286.9 | 301.0 | 5.4 | 68.3 | 0.2 | 359 |
| 04 | 14.3 | 800.6 | 925.0 | 8.3 | 3.6 | 189.1 | 14.0 | 2.2 | 13.9 | 287.8 | 302.0 | 5.4 | 72.6 | 0.2 | 4 |
| 05 | 16.9 | 1026.8 | 900.0 | 7.4 | 2.6 | 188.8 | 14.2 | 2.2 | 14.1 | 289.2 | 302.9 | 5.4 | 71.7 | 1.5 | 7 |
| 06 | 19.5 | 1258.6 | 875.0 | 6.2 | 1.1 | 185.9 | 13.4 | 1.4 | 13.4 | 290.3 | 303.1 | 5.4 | 69.5 | 2.1 | 7 |
| 07 | 22.1 | 1495.9 | 850.0 | 4.7 | 1.3 | 191.7 | 12.4 | 2.5 | 12.1 | 291.1 | 304.4 | 5.0 | 78.5 | 2.2 | 7 |
| 08 | 24.8 | 1739.2 | 825.0 | 3.4 | 2.4 | 210.6 | 9.7 | 4.9 | 8.4 | 292.2 | 307.1 | 5.5 | 92.8 | 2.7 | 9 |
| 09 | 27.4 | 1989.4 | 800.0 | 3.5 | 3.1 | 235.3 | 12.0 | 9.8 | 6.8 | 294.9 | 311.2 | 6.0 | 97.5 | 3.6 | 14 |
| 10 | 30.1 | 2247.5 | 775.0 | 2.2 | 2.9 | 228.4 | 12.5 | 9.3 | 8.3 | 297.3 | 314.0 | 6.1 | 97.5 | 4.1 | 20 |
| 11 | 32.9 | 2513.0 | 750.0 | 2.0 | -5.0 | 205.7 | 10.4 | 4.5 | 8.3 | 298.8 | 308.8 | 3.5 | 60.0 | 4.7 | 22 |
| 12 | 35.6 | 2786.9 | 725.0 | 2.3 | -8.8 | 196.1 | 9.2 | 2.7 | 8.8 | 302.0 | 309.9 | 3.0 | 50.2 | 5.8 | 21 |
| 13 | 38.4 | 3070.2 | 700.0 | 1.3 | -7.9 | 198.8 | 8.2 | 2.6 | 7.8 | 304.0 | 312.8 | 2.9 | 55.8 | 6.3 | 21 |
| 14 | 41.2 | 3361.9 | 675.0 | -1.1 | -8.8 | 206.2 | 7.4 | 3.3 | 6.7 | 304.4 | 313.0 | 2.8 | 63.4 | 7.2 | 23 |
| 15 | 44.1 | 3661.6 | 650.0 | -3.7 | -9.6 | 213.8 | 7.4 | 4.1 | 6.2 | 305.7 | 313.9 | 3.0 | 69.5 | 7.8 | 25 |
| 16 | 47.0 | 3970.4 | 625.0 | -5.9 | -10.5 | 222.2 | 8.3 | 6.0 | 6.1 | 307.1 | 315.9 | 3.0 | 83.6 | 8.5 | 27 |
| 17 | 50.0 | 4289.3 | 600.0 | -7.8 | -12.9 | 227.8 | 10.2 | 7.6 | 6.9 | 307.4 | 318.2 | 3.0 | 84.4 | 9.3 | 28 |
| 18 | 52.8 | 4618.7 | 575.0 | -10.8 | -12.9 | 225.8 | 10.5 | 7.6 | 7.3 | 309.0 | 318.8 | 1.5 | 45.5 | 10.1 | 29 |
| 19 | 55.0 | 4959.4 | 550.0 | -12.7 | -22.0 | 218.4 | 10.9 | 6.8 | 8.5 | 310.9 | 315.5 | 1.0 | 62.9 | 11.1 | 29 |
| 20 | 58.5 | 5313.2 | 525.0 | -14.6 | -20.1 | 212.7 | 11.8 | 7.1 | 10.0 | 311.6 | 316.7 | 1.0 | 59.3 | 12.2 | 30 |
| 21 | 61.8 | 5681.2 | 500.0 | -17.6 | -25.1 | 213.0 | 13.1 | 9.8 | 12.7 | 313.5 | 317.8 | 0.5 | 70.5 | 13.7 | 31 |
| 22 | 65.5 | 6063.4 | 475.0 | -19.8 | -25.7 | 219.0 | 20.6 | 13.0 | 16.0 | 314.7 | 318.2 | 0.3 | 48.9 | 15.4 | 32 |
| 23 | 68.8 | 6462.4 | 450.0 | -22.7 | -33.0 | 220.3 | 23.0 | 14.2 | 16.8 | 316.4 | 319.1 | 0.1 | 35.7 | 17.5 | 33 |
| 24 | 72.1 | 6879.7 | 425.0 | -25.5 | -39.1 | 221.3 | 23.0 | 15.2 | 17.3 | 317.8 | 319.6 | 0.1 | 20.4 | 19.8 | 34 |
| 25 | 75.6 | 7316.7 | 400.0 | -28.6 | -47.3 | 223.6 | 23.2 | 16.0 | 16.8 | 319.9 | 320.2 | 0.1 | 15.4 | 22.6 | 35 |
| 26 | 79.1 | 7775.4 | 375.0 | -32.1 | -52.2 | 216.7 | 27.1 | 13.3 | 21.7 | 322.3 | 322.6 | 0.1 | 15.4 | 25.8 | 35 |
| 27 | 82.8 | 8257.9 | 350.0 | -36.3 | -55.8 | 208.6 | 27.7 | 13.3 | 20.8 | 324.1 | 325.1 | 0.1 | 99.9 | 28.8 | 34 |
| 28 | 86.6 | 8768.6 | 325.0 | -39.4 | -59.9 | 210.8 | 22.2 | 11.4 | 19.1 | 325.1 | 325.9 | 0.1 | 99.9 | 31.5 | 33 |
| 29 | 90.6 | 9311.5 | 300.0 | -43.5 | -66.1 | 216.9 | 19.5 | 13.6 | 15.6 | 327.8 | 327.8 | 0.1 | 99.9 | 34.1 | 33 |
| 30 | 94.7 | 9890.4 | 275.0 | -48.5 | -72.7 | 225.5 | 15.1 | 13.6 | 13.4 | 332.6 | 329.9 | 0.1 | 99.9 | 36.7 | 34 |
| 31 | 99.0 | 10511.8 | 250.0 | -52.7 | -79.9 | 244.7 | 15.2 | 17.3 | 10.2 | 344.7 | 339.9 | 0.1 | 99.9 | 39.7 | 36 |
| 32 | 103.5 | 11186.1 | 225.0 | -56.1 | -88.9 | 243.2 | 22.2 | 19.8 | 8.2 | 361.2 | 339.9 | 0.1 | 99.9 | 43.3 | 38 |
| 33 | 108.2 | 11937.1 | 200.0 | -59.6 | -98.9 | 248.2 | 22.5 | 20.9 | 10.0 | 380.1 | 339.9 | 0.1 | 99.9 | 48.1 | 41 |
| 34 | 113.4 | 12783.4 | 175.0 | -62.8 | -93.9 | 245.9 | 21.0 | 19.2 | 8.6 | 395.8 | 339.9 | 0.1 | 99.9 | 53.4 | 44 |
| 35 | 119.0 | 13783.4 | 150.0 | -64.8 | -99.9 | 252.8 | 13.7 | 13.1 | 4.1 | 414.1 | 339.9 | 0.1 | 99.9 | 58.9 | 46 |
| 36 | 125.2 | 14957.9 | 125.0 | -68.8 | -99.9 | 263.6 | 11.6 | 11.5 | 1.3 | 444.8 | 339.9 | 0.1 | 99.9 | 62.7 | 47 |
| 37 | 132.2 | 16368.6 | 100.0 | -61.1 | -99.9 | 324.3 | 4.0 | 2.4 | -3.3 | 508.3 | 339.9 | 0.1 | 99.9 | 64.1 | 49 |
| 38 | 140.0 | 18164.9 | 75.0 | -57.4 | -99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 538.1 | 339.9 | 0.1 | 99.9 | 62.4 | 48 |
| 39 | 149.3 | 20699.7 | 50.0 | -51.1 | -99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 538.1 | 339.9 | 0.1 | 99.9 | 62.4 | 48 |
| 40 | 159.5 | 25135.5 | 25.0 | -51.1 | -99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 538.1 | 339.9 | 0.1 | 99.9 | 62.4 | 48 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

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OF POOR QUALITY

STATION NO. 353
OKLAHOMA CITY, OKLAHOMA
24 APRIL 1982
1715 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 9.6 | 332.0 | 969.9 | 15.0 | 5.8 | 160.0 | 7.2 | -2.5 | 6.8 | 290.7 | 306.6 | 6.0 | 54.0 | 0.0 | 0 |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999 |
| 99.9 | 11.5 | 566.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999 |
| 0.6 | 11.5 | 566.9 | 950.0 | 12.8 | 5.1 | 173.6 | 11.7 | -1.3 | 11.6 | 290.2 | 305.6 | 5.8 | 59.5 | 0.3 | 352 |
| 1.1 | 13.9 | 790.2 | 925.0 | 10.9 | 4.8 | 176.8 | 9.5 | -0.5 | 9.5 | 290.4 | 306.0 | 5.9 | 66.3 | 0.7 | 353 |
| 1.7 | 15.4 | 1018.0 | 900.0 | 8.5 | 4.6 | 179.7 | 8.8 | -0.1 | 8.8 | 290.3 | 306.3 | 6.0 | 77.8 | 1.0 | 355 |
| 2.5 | 18.9 | 1250.2 | 875.0 | 6.0 | 4.1 | 185.6 | 10.8 | 1.1 | 10.8 | 290.0 | 305.7 | 5.9 | 87.4 | 1.4 | 357 |
| 3.2 | 21.4 | 1487.7 | 850.0 | 5.0 | 3.1 | 186.2 | 11.5 | 1.2 | 11.4 | 290.4 | 305.5 | 5.7 | 87.8 | 1.9 | 0 |
| 4.0 | 23.9 | 1730.9 | 825.0 | 3.8 | 3.4 | 179.7 | 9.8 | -0.0 | 9.8 | 290.6 | 308.6 | 5.9 | 97.1 | 2.4 | 0 |
| 4.7 | 26.4 | 1981.5 | 800.0 | 3.8 | 3.3 | 188.3 | 11.8 | 1.7 | 11.6 | 290.2 | 311.8 | 6.1 | 96.6 | 2.8 | 0 |
| 5.6 | 28.9 | 2240.0 | 775.0 | 3.7 | 3.2 | 201.5 | 13.1 | 4.8 | 12.1 | 297.8 | 314.9 | 6.2 | 98.6 | 3.5 | 3 |
| 6.4 | 31.5 | 2508.8 | 750.0 | 2.9 | 0.7 | 203.2 | 12.9 | 5.1 | 11.9 | 299.7 | 314.9 | 5.4 | 80.0 | 4.2 | 7 |
| 7.3 | 34.0 | 2780.0 | 725.0 | 1.7 | -3.7 | 198.5 | 10.9 | 3.1 | 10.4 | 301.3 | 312.8 | 4.0 | 67.6 | 4.8 | 9 |
| 8.3 | 36.7 | 3062.8 | 700.0 | -0.7 | -14.0 | 209.6 | 9.1 | 4.5 | 7.9 | 301.7 | 307.4 | 1.9 | 36.7 | 5.3 | 10 |
| 9.2 | 39.3 | 3351.7 | 675.0 | -3.4 | -24.3 | 226.3 | 10.1 | 7.3 | 7.0 | 301.9 | 304.4 | 0.8 | 17.9 | 5.8 | 12 |
| 10.1 | 42.0 | 3648.8 | 650.0 | -5.3 | -26.3 | 233.3 | 10.5 | 8.4 | 6.3 | 303.0 | 305.2 | 0.7 | 17.2 | 6.2 | 16 |
| 11.0 | 44.8 | 3955.9 | 625.0 | -6.9 | -28.2 | 233.1 | 11.2 | 9.0 | 6.7 | 304.6 | 305.2 | 0.6 | 16.3 | 6.7 | 19 |
| 12.1 | 47.6 | 4273.4 | 600.0 | -8.7 | -29.8 | 232.0 | 11.5 | 9.1 | 7.0 | 306.1 | 307.8 | 0.5 | 16.1 | 7.3 | 22 |
| 13.3 | 50.4 | 4601.9 | 575.0 | -10.9 | -31.0 | 228.2 | 12.2 | 8.4 | 7.5 | 307.3 | 308.9 | 0.5 | 17.1 | 8.1 | 25 |
| 14.5 | 53.4 | 4941.7 | 550.0 | -13.5 | -30.6 | 227.0 | 12.8 | 9.3 | 8.7 | 308.1 | 309.9 | 0.5 | 22.0 | 8.8 | 27 |
| 15.8 | 56.3 | 5294.0 | 525.0 | -16.3 | -25.2 | 220.0 | 17.3 | 13.3 | 11.2 | 308.8 | 311.8 | 0.9 | 22.0 | 9.9 | 29 |
| 17.0 | 59.4 | 5659.1 | 500.0 | -18.7 | -24.0 | 229.8 | 20.7 | 15.8 | 13.3 | 310.2 | 313.7 | 1.1 | 23.2 | 11.3 | 32 |
| 18.3 | 62.4 | 6041.1 | 475.0 | -19.9 | -41.0 | 227.7 | 20.7 | 15.3 | 13.9 | 313.4 | 314.1 | 0.2 | 23.2 | 12.7 | 34 |
| 19.5 | 65.6 | 6440.0 | 450.0 | -22.7 | -43.6 | 222.7 | 22.1 | 15.0 | 14.2 | 314.7 | 315.4 | 0.2 | 23.8 | 14.3 | 35 |
| 20.8 | 68.9 | 6857.6 | 425.0 | -24.9 | -45.0 | 217.0 | 24.1 | 14.5 | 15.2 | 317.1 | 317.7 | 0.2 | 24.4 | 16.3 | 38 |
| 22.3 | 72.1 | 7286.2 | 400.0 | -27.6 | -46.3 | 212.0 | 26.3 | 14.0 | 22.3 | 319.1 | 319.6 | 0.1 | 24.4 | 18.1 | 38 |
| 23.7 | 75.6 | 7757.4 | 375.0 | -31.3 | -49.3 | 208.2 | 25.8 | 12.7 | 23.6 | 320.1 | 320.5 | 0.1 | 24.9 | 20.6 | 35 |
| 25.2 | 79.2 | 8241.3 | 350.0 | -35.6 | -52.6 | 207.1 | 26.3 | 11.9 | 23.4 | 320.7 | 321.0 | 0.1 | 25.4 | 23.0 | 34 |
| 26.8 | 82.9 | 8753.2 | 325.0 | -39.6 | -56.2 | 203.8 | 27.5 | 12.2 | 24.6 | 322.2 | 322.4 | 0.1 | 25.6 | 25.6 | 33 |
| 28.6 | 86.8 | 9296.6 | 300.0 | -43.3 | -59.9 | 203.8 | 26.2 | 10.6 | 24.0 | 324.4 | 324.4 | 99.9 | 28.4 | 28.4 | 32 |
| 30.4 | 90.8 | 9877.5 | 275.0 | -46.9 | -66.9 | 205.3 | 28.0 | 12.0 | 25.3 | 327.3 | 327.3 | 99.9 | 31.2 | 31.2 | 32 |
| 32.7 | 95.2 | 10504.0 | 250.0 | -50.4 | -69.9 | 213.6 | 30.5 | 16.9 | 25.4 | 331.2 | 331.2 | 99.9 | 35.1 | 35.1 | 31 |
| 34.7 | 99.6 | 11185.4 | 225.0 | -54.0 | -69.9 | 230.6 | 21.4 | 16.5 | 13.5 | 335.8 | 335.8 | 99.9 | 38.4 | 38.4 | 32 |
| 37.2 | 104.4 | 11940.3 | 200.0 | -54.8 | -69.9 | 225.2 | 18.0 | 12.8 | 12.7 | 348.0 | 348.0 | 99.9 | 40.9 | 40.9 | 33 |
| 40.3 | 109.6 | 12793.8 | 175.0 | -53.8 | -69.9 | 232.2 | 26.0 | 20.5 | 15.9 | 361.2 | 361.2 | 99.9 | 44.4 | 44.4 | 35 |
| 43.8 | 115.2 | 13795.8 | 150.0 | -50.9 | -69.9 | 248.3 | 21.3 | 19.5 | 8.5 | 384.4 | 384.4 | 99.9 | 49.8 | 49.8 | 37 |
| 47.8 | 121.5 | 14974.2 | 125.0 | -55.1 | -69.9 | 242.1 | 21.1 | 18.3 | 9.9 | 395.2 | 395.2 | 99.9 | 54.0 | 54.0 | 39 |
| 52.9 | 128.7 | 16388.0 | 100.0 | -58.2 | -69.9 | 252.1 | 14.8 | 14.1 | 4.5 | 415.4 | 415.4 | 99.9 | 58.5 | 58.5 | 42 |
| 58.9 | 137.0 | 18196.9 | 75.0 | -58.2 | -69.9 | 252.1 | 10.9 | 10.8 | -1.0 | 468.9 | 468.9 | 99.9 | 62.8 | 62.8 | 44 |
| 66.6 | 146.5 | 20733.9 | 50.0 | -58.9 | -69.9 | 177.2 | 3.0 | -0.1 | 3.0 | 509.5 | 509.5 | 99.9 | 64.0 | 64.0 | 45 |
| 79.4 | 157.3 | 25199.0 | 25.0 | -50.5 | -69.9 | 160.4 | 2.2 | -0.8 | 3.1 | 640.0 | 640.0 | 99.9 | 63.6 | 63.6 | 44 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
** BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
*** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
*** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

STATION NO. 353
OKLAHOMA CITY, OKLAHOMA

24 APRIL 1982
2015 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 9.8 | 392.0 | 967.5 | 16.1 | 7.6 | 130.0 | 8.2 | -6.3 | 5.3 | 292.0 | 310.0 | 6.8 | 57.2 | 0.0 | 0.0 |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.5 | 11.5 | 546.2 | 950.0 | 13.0 | 6.9 | 161.8 | 13.6 | -4.2 | 12.9 | 250.4 | 307.8 | 6.8 | 55.4 | 0.0 | 0.0 |
| 1.5 | 13.9 | 769.6 | 925.0 | 10.7 | 7.2 | 158.8 | 11.8 | -4.3 | 11.0 | 290.2 | 308.4 | 6.9 | 78.9 | 1.8 | 339 |
| 2.5 | 16.4 | 997.5 | 900.0 | 8.5 | 7.1 | 158.0 | 11.5 | -4.3 | 10.7 | 290.6 | 308.8 | 6.7 | 78.9 | 1.8 | 339 |
| 3.3 | 18.8 | 1230.0 | 875.0 | 6.6 | 5.9 | 162.5 | 12.9 | -3.9 | 12.3 | 290.6 | 308.3 | 6.5 | 95.5 | 2.4 | 339 |
| 4.2 | 21.3 | 1467.9 | 850.0 | 5.7 | 5.1 | 169.2 | 13.2 | -2.5 | 13.1 | 292.2 | 309.5 | 6.5 | 95.5 | 2.4 | 339 |
| 5.1 | 23.8 | 1712.6 | 825.0 | 5.4 | 4.8 | 181.1 | 14.4 | 0.3 | 14.7 | 294.3 | 312.0 | 6.8 | 95.5 | 3.8 | 343 |
| 6.0 | 26.3 | 1964.8 | 800.0 | 5.5 | 4.9 | 191.9 | 14.0 | 2.9 | 14.5 | 297.0 | 315.5 | 6.8 | 95.5 | 4.5 | 347 |
| 7.0 | 28.9 | 2224.7 | 775.0 | 4.9 | 4.3 | 196.7 | 15.1 | 4.3 | 14.5 | 299.1 | 317.5 | 6.8 | 95.5 | 5.4 | 351 |
| 8.1 | 31.6 | 2491.4 | 750.0 | 1.7 | -6.7 | 209.5 | 15.3 | 5.6 | 9.9 | 299.8 | 307.5 | 3.2 | 51.4 | 5.4 | 356 |
| 9.2 | 34.2 | 2763.8 | 725.0 | 0.3 | -11.2 | 207.6 | 10.3 | 4.8 | 9.1 | 299.8 | 307.5 | 2.2 | 41.1 | 5.4 | 359 |
| 10.3 | 36.8 | 3044.6 | 700.0 | -1.2 | -11.8 | 203.7 | 11.1 | 4.5 | 10.2 | 301.2 | 307.9 | 1.9 | 41.2 | 9.1 | 362 |
| 11.5 | 39.6 | 3333.7 | 675.0 | -3.0 | -14.3 | 198.4 | 14.2 | 4.5 | 13.5 | 302.3 | 307.9 | 1.7 | 41.1 | 9.1 | 362 |
| 13.0 | 42.2 | 3631.6 | 650.0 | -4.5 | -15.7 | 202.5 | 17.4 | 6.6 | 16.1 | 303.8 | 309.1 | 1.6 | 43.6 | 10.9 | 369 |
| 14.3 | 44.9 | 3939.2 | 625.0 | -6.6 | -17.1 | 213.7 | 18.9 | 10.5 | 15.7 | 304.7 | 309.5 | 1.1 | 43.6 | 10.9 | 369 |
| 15.6 | 47.7 | 4256.9 | 600.0 | -8.6 | -22.2 | 225.0 | 19.4 | 13.7 | 13.6 | 306.1 | 309.5 | 0.7 | 43.6 | 12.2 | 372 |
| 17.1 | 50.6 | 4585.4 | 575.0 | -10.9 | -27.0 | 227.3 | 20.0 | 14.0 | 12.9 | 307.2 | 309.5 | 0.5 | 43.6 | 12.2 | 372 |
| 18.5 | 53.4 | 4925.3 | 550.0 | -13.6 | -31.6 | 227.3 | 19.1 | 14.0 | 13.4 | 307.9 | 309.5 | 0.4 | 43.6 | 12.2 | 372 |
| 19.9 | 56.3 | 5277.2 | 525.0 | -16.3 | -34.1 | 224.9 | 18.9 | 13.3 | 13.4 | 308.8 | 310.1 | 0.3 | 43.6 | 12.2 | 372 |
| 21.3 | 59.3 | 5642.6 | 500.0 | -19.0 | -37.1 | 226.5 | 18.6 | 13.5 | 12.8 | 309.9 | 311.0 | 0.3 | 43.6 | 12.2 | 372 |
| 23.0 | 62.4 | 6022.6 | 475.0 | -21.7 | -37.7 | 227.3 | 21.3 | 15.0 | 14.4 | 312.3 | 312.3 | 0.2 | 43.6 | 12.2 | 372 |
| 24.8 | 65.5 | 6416.5 | 450.0 | -24.6 | -41.1 | 220.6 | 24.6 | 16.0 | 18.7 | 312.3 | 313.1 | 0.2 | 43.6 | 12.2 | 372 |
| 26.7 | 68.8 | 6832.4 | 425.0 | -27.7 | -42.7 | 214.8 | 24.3 | 15.0 | 20.0 | 313.6 | 314.3 | 0.2 | 43.6 | 12.2 | 372 |
| 28.7 | 72.0 | 7265.1 | 400.0 | -31.0 | -46.4 | 209.9 | 26.2 | 13.1 | 22.7 | 314.7 | 315.3 | 0.1 | 43.6 | 12.2 | 372 |
| 30.7 | 75.4 | 7720.8 | 375.0 | -32.8 | -48.3 | 208.1 | 30.9 | 14.6 | 27.3 | 318.1 | 318.6 | 0.1 | 43.6 | 12.2 | 372 |
| 32.7 | 79.0 | 8204.0 | 350.0 | -35.7 | -51.1 | 208.4 | 32.1 | 15.3 | 28.2 | 320.6 | 320.6 | 0.1 | 43.6 | 12.2 | 372 |
| 34.7 | 82.6 | 8715.9 | 325.0 | -38.6 | -53.5 | 210.0 | 30.8 | 15.4 | 26.7 | 323.5 | 323.5 | 0.1 | 43.6 | 12.2 | 372 |
| 37.0 | 86.3 | 9261.9 | 300.0 | -41.9 | -59.9 | 212.6 | 28.7 | 15.2 | 24.2 | 326.3 | 326.3 | 0.1 | 43.6 | 12.2 | 372 |
| 39.3 | 90.3 | 9846.3 | 275.0 | -45.5 | -69.9 | 214.2 | 27.0 | 15.2 | 23.3 | 329.4 | 329.4 | 0.1 | 43.6 | 12.2 | 372 |
| 41.7 | 94.5 | 10477.3 | 250.0 | -49.1 | -79.9 | 217.3 | 27.7 | 16.8 | 22.5 | 333.1 | 333.1 | 0.1 | 43.6 | 12.2 | 372 |
| 44.2 | 98.8 | 11164.6 | 225.0 | -51.4 | -89.9 | 217.3 | 27.7 | 16.8 | 22.0 | 339.7 | 339.7 | 0.1 | 43.6 | 12.2 | 372 |
| 47.1 | 103.5 | 11924.8 | 200.0 | -52.0 | -99.9 | 221.8 | 26.0 | 17.3 | 19.4 | 350.4 | 350.4 | 0.1 | 43.6 | 12.2 | 372 |
| 50.3 | 108.4 | 12789.8 | 175.0 | -53.1 | -99.9 | 238.6 | 22.3 | 19.0 | 11.6 | 362.2 | 362.2 | 0.1 | 43.6 | 12.2 | 372 |
| 53.8 | 113.7 | 13788.6 | 150.0 | -52.0 | -99.9 | 246.1 | 18.1 | 16.5 | 7.3 | 380.4 | 380.4 | 0.1 | 43.6 | 12.2 | 372 |
| 58.0 | 119.5 | 14961.2 | 125.0 | -54.5 | -99.9 | 248.5 | 19.5 | 16.2 | 7.2 | 396.4 | 396.4 | 0.1 | 43.6 | 12.2 | 372 |
| 63.2 | 126.0 | 16384.7 | 100.0 | -57.5 | -99.9 | 251.6 | 16.9 | 16.0 | 5.3 | 416.7 | 416.7 | 0.1 | 43.6 | 12.2 | 372 |
| 69.8 | 133.7 | 18189.8 | 75.0 | -58.8 | -99.9 | 274.3 | 9.8 | 9.8 | -0.7 | 449.7 | 449.7 | 0.1 | 43.6 | 12.2 | 372 |
| 77.8 | 142.3 | 20724.7 | 50.0 | -57.6 | -99.9 | 311.7 | 6.4 | 4.8 | -4.3 | 507.7 | 507.7 | 0.1 | 43.6 | 12.2 | 372 |
| 90.9 | 152.5 | 25167.7 | 25.0 | -50.2 | -99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 640.7 | 640.7 | 0.1 | 43.6 | 12.2 | 372 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

ORIGINAL PAGE IS
OF POOR QUALITY

9
Y

STATION NO. 353
OKLAHOMA CITY, OKLAHOMA
25 APRIL 1982
215 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DWV PT DG C | DJR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | PJT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE NM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 8.8 | 392.0 | 964.4 | 12.2 | 7.7 | 140.0 | 7.7 | -4.9 | 5.9 | 288.3 | 306.3 | 6.9 | 74.0 | 0.0 | 0 |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.7 | 9.9 | 517.9 | 975.0 | 10.5 | 8.6 | 148.9 | 12.9 | -6.7 | 11.0 | 287.8 | 307.0 | 7.4 | 88.2 | 0.4 | 326 |
| 1.4 | 11.9 | 739.7 | 925.0 | 8.6 | 8.5 | 154.5 | 16.4 | -7.1 | 14.8 | 288.1 | 307.8 | 7.6 | 100.1 | 1.1 | 328 |
| 2.3 | 13.9 | 958.3 | 900.0 | 7.6 | 7.6 | 159.5 | 17.3 | -3.2 | 17.0 | 288.4 | 308.6 | 7.5 | 100.5 | 1.9 | 334 |
| 3.0 | 15.9 | 1199.1 | 875.0 | 7.6 | 7.6 | 164.4 | 16.4 | 2.1 | 18.3 | 289.1 | 311.6 | 7.5 | 100.5 | 2.7 | 341 |
| 3.8 | 18.0 | 1437.7 | 850.0 | 6.1 | 3.8 | 198.0 | 17.0 | 5.2 | 16.1 | 292.5 | 308.4 | 5.9 | 85.2 | 3.3 | 348 |
| 4.5 | 20.1 | 1683.3 | 825.0 | 8.5 | -6.6 | 203.7 | 16.2 | 6.5 | 14.8 | 297.6 | 305.8 | 2.8 | 33.7 | 4.0 | 354 |
| 5.4 | 22.3 | 1937.5 | 800.0 | 6.2 | -17.2 | 214.8 | 14.1 | 8.1 | 11.6 | 300.0 | 303.7 | 1.2 | 14.5 | 4.6 | 360 |
| 6.2 | 24.5 | 2198.6 | 775.0 | 4.1 | -18.8 | 221.9 | 13.7 | 9.1 | 10.2 | 300.5 | 303.9 | 1.1 | 14.5 | 5.2 | 366 |
| 7.0 | 26.8 | 2466.1 | 750.0 | 4.1 | -20.4 | 220.5 | 14.0 | 9.1 | 10.6 | 301.1 | 304.2 | 1.0 | 14.6 | 5.7 | 372 |
| 7.9 | 29.1 | 2740.5 | 725.0 | 1.8 | -21.7 | 227.1 | 11.5 | 8.4 | 10.6 | 301.5 | 304.4 | 1.0 | 14.6 | 6.3 | 378 |
| 9.0 | 31.5 | 3022.7 | 700.0 | -0.4 | -11.0 | 234.4 | 11.9 | 9.7 | 8.9 | 302.1 | 309.1 | 2.4 | 44.7 | 6.9 | 384 |
| 9.9 | 33.8 | 3312.4 | 675.0 | -2.8 | -10.4 | 242.0 | 12.0 | 10.6 | 5.8 | 302.5 | 310.1 | 2.6 | 55.9 | 7.4 | 390 |
| 11.0 | 36.3 | 3610.3 | 650.0 | -5.2 | -14.1 | 246.0 | 11.9 | 10.9 | 4.8 | 303.1 | 309.0 | 2.0 | 49.5 | 8.0 | 396 |
| 12.1 | 38.9 | 3916.8 | 625.0 | -7.8 | -14.9 | 251.2 | 11.7 | 11.1 | 3.8 | 303.6 | 309.3 | 1.9 | 56.7 | 8.5 | 402 |
| 13.1 | 41.5 | 4233.1 | 600.0 | -10.1 | -15.7 | 258.1 | 12.5 | 12.1 | 3.0 | 304.4 | 310.1 | 1.9 | 63.3 | 9.1 | 408 |
| 14.3 | 44.1 | 4559.8 | 575.0 | -12.2 | -20.6 | 250.8 | 13.7 | 12.9 | 4.5 | 305.7 | 309.7 | 1.3 | 49.3 | 9.8 | 414 |
| 15.6 | 47.0 | 4897.9 | 550.0 | -14.7 | -22.8 | 246.7 | 16.7 | 15.3 | 6.6 | 306.6 | 310.1 | 1.1 | 49.8 | 10.7 | 420 |
| 16.7 | 49.8 | 5248.7 | 525.0 | -17.2 | -24.0 | 241.6 | 20.0 | 17.6 | 8.5 | 307.7 | 311.0 | 1.0 | 55.3 | 11.8 | 426 |
| 17.9 | 52.8 | 5612.4 | 500.0 | -20.1 | -25.9 | 238.2 | 20.8 | 17.6 | 10.9 | 308.5 | 311.5 | 0.9 | 59.8 | 12.2 | 432 |
| 19.1 | 55.8 | 5990.7 | 475.0 | -22.6 | -40.8 | 242.9 | 20.4 | 18.1 | 9.3 | 310.0 | 310.9 | 0.3 | 19.5 | 12.7 | 438 |
| 20.4 | 58.9 | 6384.6 | 450.0 | -26.0 | -47.3 | 249.5 | 18.3 | 17.1 | 6.4 | 310.6 | 311.1 | 0.1 | 11.3 | 13.1 | 444 |
| 22.0 | 62.3 | 6795.7 | 425.0 | -29.7 | -51.1 | 250.4 | 17.6 | 12.6 | 5.9 | 311.0 | 311.3 | 0.1 | 10.3 | 13.6 | 450 |
| 23.6 | 65.6 | 7224.8 | 400.0 | -33.3 | -53.1 | 255.9 | 19.2 | 18.6 | 4.7 | 311.7 | 312.0 | 0.1 | 11.6 | 13.9 | 456 |
| 25.1 | 69.3 | 7675.1 | 375.0 | -36.5 | -55.0 | 261.9 | 23.3 | 23.1 | 3.3 | 313.3 | 313.5 | 0.1 | 12.7 | 20.9 | 462 |
| 26.7 | 73.0 | 8148.4 | 350.0 | -41.1 | -59.9 | 260.3 | 25.0 | 24.5 | 4.2 | 313.4 | 313.5 | 99.9 | 99.9 | 23.1 | 468 |
| 28.4 | 76.8 | 8639.0 | 325.0 | -44.2 | -64.9 | 258.7 | 17.9 | 17.2 | 4.7 | 315.7 | 315.7 | 99.9 | 99.9 | 23.1 | 474 |
| 30.1 | 81.2 | 9182.5 | 300.0 | -45.4 | -69.9 | 235.6 | 21.6 | 17.9 | 12.2 | 321.4 | 315.7 | 99.9 | 99.9 | 23.1 | 480 |
| 32.5 | 85.4 | 9762.3 | 275.0 | -45.9 | -69.9 | 240.5 | 23.4 | 20.3 | 11.5 | 328.7 | 315.7 | 99.9 | 99.9 | 23.1 | 486 |
| 35.2 | 90.0 | 10393.2 | 250.0 | -48.5 | -69.9 | 241.9 | 22.6 | 19.9 | 10.6 | 333.9 | 315.7 | 99.9 | 99.9 | 23.1 | 492 |
| 37.8 | 94.8 | 11083.1 | 225.0 | -50.5 | -69.9 | 242.2 | 20.2 | 17.8 | 9.4 | 341.2 | 315.7 | 99.9 | 99.9 | 23.1 | 498 |
| 41.2 | 99.8 | 11848.7 | 200.0 | -53.0 | -69.9 | 237.5 | 20.6 | 17.3 | 11.1 | 348.8 | 315.7 | 99.9 | 99.9 | 23.1 | 504 |
| 45.2 | 105.4 | 12711.3 | 175.0 | -52.0 | -69.9 | 241.8 | 21.8 | 19.2 | 10.3 | 354.1 | 315.7 | 99.9 | 99.9 | 23.1 | 510 |
| 49.5 | 111.3 | 13710.2 | 150.0 | -53.0 | -69.9 | 251.7 | 18.3 | 17.4 | 5.8 | 378.8 | 315.7 | 99.9 | 99.9 | 23.1 | 516 |
| 53.9 | 117.5 | 14678.9 | 125.0 | -56.3 | -69.9 | 257.2 | 18.8 | 16.4 | 3.7 | 393.0 | 315.7 | 99.9 | 99.9 | 23.1 | 522 |
| 59.4 | 124.5 | 16287.0 | 100.0 | -59.3 | -69.9 | 263.2 | 10.3 | 10.2 | 1.2 | 413.3 | 315.7 | 99.9 | 99.9 | 23.1 | 528 |
| 66.6 | 132.3 | 18073.9 | 75.0 | -61.9 | -69.9 | 241.6 | 6.4 | 5.6 | 3.0 | 443.1 | 315.7 | 99.9 | 99.9 | 23.1 | 534 |
| 76.5 | 141.3 | 20591.9 | 50.0 | -59.1 | -69.9 | 189.1 | 2.5 | 0.4 | 2.4 | 504.3 | 315.7 | 99.9 | 99.9 | 23.1 | 540 |
| 92.9 | 152.0 | 24978.1 | 25.0 | -53.3 | -69.9 | 99.9 | 99.9 | 99.9 | 99.9 | 631.4 | 315.7 | 99.9 | 99.9 | 23.1 | 546 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 ** BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 *** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
 **** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

STATION NO. 353
OKLAHOMA CITY, OKLAHOMA

25 APRIL 1982
515 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 10.4 | 392.0 | 963.4 | 12.2 | 8.1 | 130.0 | 7.2 | -5.5 | 4.6 | 288.4 | 306.8 | 7.1 | 76.0 | 0.0 | 0 |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999 |
| 0.4 | 11.7 | 509.6 | 950.0 | 11.6 | 10.0 | 99.9 | 99.9 | 99.9 | 99.9 | 289.0 | 310.1 | 8.2 | 99.9 | 99.9 | 999 |
| 1.2 | 14.1 | 732.3 | 925.0 | 9.5 | 9.0 | 99.9 | 99.9 | 99.9 | 99.9 | 289.0 | 309.3 | 7.8 | 96.8 | 99.9 | 999 |
| 2.1 | 15.5 | 959.8 | 900.0 | 8.3 | 7.7 | 99.9 | 99.9 | 99.9 | 99.9 | 290.1 | 309.4 | 7.4 | 96.8 | 99.9 | 999 |
| 2.9 | 19.0 | 1192.5 | 875.0 | 7.5 | 6.9 | 99.9 | 99.9 | 99.9 | 99.9 | 291.6 | 310.6 | 7.2 | 96.1 | 99.9 | 999 |
| 3.8 | 21.5 | 1431.8 | 850.0 | 7.4 | 6.7 | 180.2 | 18.4 | -3.1 | 18.1 | 293.9 | 313.3 | 7.3 | 95.0 | 99.9 | 999 |
| 4.6 | 24.0 | 1677.2 | 825.0 | 5.8 | 5.4 | 193.6 | 16.4 | 0.4 | 15.9 | 294.7 | 305.6 | 3.1 | 44.3 | 99.9 | 999 |
| 5.4 | 26.6 | 1929.1 | 800.0 | 5.5 | 5.4 | 203.2 | 16.0 | 3.9 | 14.7 | 297.0 | 305.6 | 3.0 | 42.5 | 99.9 | 999 |
| 6.3 | 29.2 | 2188.3 | 775.0 | 4.4 | 5.5 | 210.4 | 16.0 | 6.3 | 14.8 | 298.5 | 306.6 | 3.0 | 41.6 | 99.9 | 999 |
| 7.1 | 31.8 | 2455.2 | 750.0 | 4.2 | 6.0 | 213.6 | 17.2 | 9.3 | 14.3 | 301.2 | 310.5 | 3.3 | 40.7 | 99.9 | 999 |
| 8.0 | 34.4 | 2730.7 | 725.0 | 2.7 | 4.1 | 215.8 | 19.3 | 11.3 | 15.6 | 302.4 | 313.6 | 3.9 | 40.7 | 99.9 | 999 |
| 8.8 | 37.1 | 3013.5 | 700.0 | 0.1 | 3.5 | 218.3 | 19.8 | 12.2 | 15.5 | 302.6 | 314.7 | 4.2 | 76.5 | 99.9 | 999 |
| 9.7 | 39.8 | 3304.0 | 675.0 | -2.3 | 3.7 | 219.5 | 19.1 | 12.2 | 14.8 | 303.1 | 315.5 | 4.3 | 89.7 | 99.9 | 999 |
| 10.8 | 42.6 | 3603.0 | 650.0 | -4.5 | 5.2 | 218.9 | 18.2 | 11.4 | 14.2 | 303.9 | 315.4 | 4.0 | 95.0 | 99.9 | 999 |
| 11.9 | 45.3 | 3911.0 | 625.0 | -6.6 | 7.3 | 217.0 | 16.1 | 9.7 | 13.1 | 304.9 | 315.2 | 3.5 | 94.4 | 99.9 | 999 |
| 13.1 | 48.1 | 4229.2 | 600.0 | -8.5 | 9.2 | 215.3 | 16.1 | 9.3 | 13.1 | 306.3 | 315.7 | 3.2 | 89.7 | 99.9 | 999 |
| 14.4 | 51.0 | 4558.1 | 575.0 | -11.1 | 12.5 | 218.5 | 14.7 | 9.1 | 11.5 | 307.0 | 314.7 | 2.6 | 84.5 | 99.9 | 999 |
| 15.6 | 54.0 | 4898.3 | 550.0 | -13.6 | 15.7 | 222.8 | 14.5 | 9.8 | 10.6 | 307.9 | 314.1 | 2.0 | 84.2 | 99.9 | 999 |
| 17.0 | 57.0 | 5250.8 | 525.0 | -15.9 | 17.9 | 222.7 | 16.1 | 10.9 | 11.8 | 309.4 | 314.9 | 1.8 | 69.1 | 99.9 | 999 |
| 18.3 | 60.0 | 5616.4 | 500.0 | -19.0 | 23.2 | 220.6 | 16.4 | 10.7 | 12.5 | 309.9 | 313.6 | 1.2 | 66.5 | 99.9 | 999 |
| 19.7 | 63.1 | 5996.2 | 475.0 | -21.4 | 25.9 | 222.9 | 17.1 | 11.2 | 12.5 | 311.5 | 314.6 | 0.8 | 65.8 | 99.9 | 999 |
| 21.2 | 66.3 | 6392.8 | 450.0 | -24.3 | 28.8 | 231.5 | 14.3 | 11.2 | 8.9 | 312.7 | 315.3 | 0.6 | 62.4 | 99.9 | 999 |
| 22.9 | 69.6 | 6806.7 | 425.0 | -27.4 | 32.4 | 237.2 | 13.0 | 10.9 | 8.6 | 313.8 | 315.8 | 0.4 | 55.3 | 99.9 | 999 |
| 24.5 | 73.0 | 7239.5 | 400.0 | -31.3 | 37.3 | 235.9 | 13.3 | 12.7 | 8.6 | 314.3 | 315.3 | 0.3 | 51.7 | 99.9 | 999 |
| 26.2 | 76.4 | 7693.7 | 375.0 | -35.0 | 41.3 | 248.5 | 14.8 | 13.8 | 5.4 | 315.3 | 316.3 | 0.2 | 50.4 | 99.9 | 999 |
| 28.0 | 80.0 | 8170.4 | 350.0 | -39.3 | 45.7 | 255.2 | 21.0 | 20.3 | 5.4 | 315.7 | 316.3 | 0.2 | 49.9 | 99.9 | 999 |
| 30.1 | 83.7 | 8674.3 | 325.0 | -43.4 | 49.9 | 262.4 | 24.1 | 23.6 | 5.2 | 316.9 | 317.5 | 0.2 | 49.9 | 99.9 | 999 |
| 32.2 | 87.7 | 9206.9 | 300.0 | -48.1 | 54.7 | 263.4 | 26.3 | 25.6 | 6.2 | 317.5 | 317.5 | 0.2 | 49.9 | 99.9 | 999 |
| 34.2 | 91.7 | 9776.9 | 275.0 | -48.5 | 59.9 | 241.7 | 24.2 | 21.3 | 11.5 | 325.0 | 332.5 | 0.2 | 49.9 | 99.9 | 999 |
| 37.0 | 96.0 | 10405.1 | 250.0 | -51.1 | 64.5 | 238.8 | 19.8 | 16.9 | 9.1 | 340.1 | 339.8 | 0.2 | 49.9 | 99.9 | 999 |
| 40.3 | 100.6 | 11092.2 | 225.0 | -52.4 | 69.9 | 240.5 | 18.4 | 16.0 | 9.1 | 349.8 | 339.8 | 0.2 | 49.9 | 99.9 | 999 |
| 44.0 | 105.5 | 11855.6 | 200.0 | -53.8 | 74.5 | 245.3 | 20.2 | 17.7 | 8.9 | 361.1 | 339.8 | 0.2 | 49.9 | 99.9 | 999 |
| 48.0 | 110.8 | 12717.6 | 175.0 | -55.3 | 79.9 | 255.7 | 18.7 | 16.1 | 8.6 | 380.1 | 339.8 | 0.2 | 49.9 | 99.9 | 999 |
| 52.9 | 116.5 | 13714.3 | 150.0 | -57.2 | 84.5 | 267.5 | 11.4 | 11.4 | 0.5 | 393.9 | 339.8 | 0.2 | 49.9 | 99.9 | 999 |
| 57.6 | 122.7 | 14885.0 | 125.0 | -59.2 | 89.9 | 274.0 | 12.1 | 10.9 | 5.3 | 413.4 | 339.8 | 0.2 | 49.9 | 99.9 | 999 |
| 64.3 | 130.3 | 16296.2 | 100.0 | -62.2 | 94.5 | 281.1 | 7.4 | -0.2 | 2.0 | 442.5 | 339.8 | 0.2 | 49.9 | 99.9 | 999 |
| 72.1 | 138.7 | 18082.6 | 75.0 | -62.2 | 99.9 | 178.1 | 3.8 | 3.3 | 99.9 | 502.6 | 339.8 | 0.2 | 49.9 | 99.9 | 999 |
| 83.3 | 148.5 | 20588.0 | 50.0 | -59.8 | 99.9 | 238.2 | 99.9 | 99.9 | 99.9 | 628.8 | 339.8 | 0.2 | 49.9 | 99.9 | 999 |
| 99.9 | 159.3 | 24965.3 | 25.0 | -54.3 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 628.8 | 339.8 | 0.2 | 49.9 | 99.9 | 999 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL
OF PAGE 6

ORIGINAL PAGE 19
OF POOR QUALITY

STATION NO. 363
AMARILLO, TEXAS
24 APRIL 1982
1400 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 19.0 | 1094.0 | 887.2 | 8.9 | 3.9 | 230.0 | 10.3 | 7.9 | 6.6 | 291.9 | 307.3 | 5.7 | 71.0 | 0.0 | 0.0 |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 900.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.3 | 20.3 | 1208.2 | 875.0 | 6.1 | 3.1 | 218.6 | 11.2 | 7.0 | 8.8 | 290.2 | 304.8 | 5.5 | 80.7 | 0.5 | 31.0 |
| 1.1 | 23.1 | 1445.2 | 850.0 | 4.3 | 2.2 | 224.6 | 14.0 | 9.9 | 10.0 | 290.7 | 304.9 | 5.3 | 86.1 | 0.9 | 34.0 |
| 1.8 | 25.8 | 1690.2 | 825.0 | 8.0 | -0.1 | 239.4 | 16.2 | 13.9 | 8.2 | 297.1 | 309.9 | 4.6 | 56.9 | 1.6 | 42.0 |
| 2.7 | 28.6 | 1943.7 | 800.0 | 7.0 | -3.5 | 241.6 | 15.6 | 13.8 | 7.4 | 298.6 | 308.1 | 3.7 | 47.2 | 2.4 | 49.0 |
| 3.5 | 31.4 | 2203.8 | 775.0 | 4.8 | -5.9 | 236.1 | 15.9 | 13.2 | 8.9 | 299.0 | 308.1 | 3.2 | 45.7 | 3.2 | 52.0 |
| 4.4 | 34.3 | 2470.2 | 750.0 | 2.5 | -7.7 | 231.2 | 16.8 | 13.1 | 10.5 | 299.3 | 307.6 | 2.9 | 46.8 | 4.0 | 52.0 |
| 5.3 | 37.2 | 2743.3 | 725.0 | 0.3 | -8.8 | 228.9 | 15.9 | 12.0 | 10.5 | 299.8 | 307.7 | 2.7 | 49.4 | 4.9 | 52.0 |
| 6.1 | 40.1 | 3023.5 | 700.0 | -2.1 | -11.3 | 225.9 | 15.4 | 11.2 | 10.7 | 300.1 | 306.9 | 2.3 | 49.4 | 5.7 | 51.0 |
| 7.1 | 43.0 | 3311.7 | 675.0 | -3.6 | -16.1 | 227.2 | 15.3 | 11.2 | 10.4 | 301.6 | 306.5 | 1.6 | 37.0 | 6.6 | 50.0 |
| 8.2 | 46.0 | 3609.2 | 650.0 | -5.0 | -21.0 | 227.4 | 16.0 | 11.8 | 10.9 | 303.4 | 306.8 | 1.1 | 26.9 | 7.6 | 50.0 |
| 9.2 | 49.0 | 3916.0 | 625.0 | -7.4 | -24.4 | 226.5 | 16.5 | 11.9 | 11.4 | 304.0 | 307.2 | 1.0 | 28.7 | 8.6 | 50.0 |
| 10.3 | 52.1 | 4232.4 | 600.0 | -10.0 | -28.4 | 228.6 | 17.1 | 12.8 | 11.3 | 304.6 | 307.4 | 0.9 | 29.6 | 9.7 | 49.0 |
| 11.4 | 55.3 | 4558.8 | 575.0 | -13.0 | -32.7 | 232.6 | 17.4 | 13.8 | 10.6 | 304.8 | 307.2 | 0.7 | 30.5 | 10.8 | 49.0 |
| 12.6 | 58.4 | 4895.9 | 550.0 | -15.8 | -36.1 | 232.6 | 19.0 | 15.1 | 11.6 | 305.3 | 307.8 | 0.8 | 37.4 | 12.1 | 50.0 |
| 13.7 | 61.6 | 5245.1 | 525.0 | -18.2 | -38.4 | 228.3 | 20.5 | 15.3 | 13.7 | 306.6 | 308.8 | 0.7 | 40.2 | 13.5 | 50.0 |
| 15.2 | 64.7 | 5607.5 | 500.0 | -21.2 | -41.7 | 222.3 | 20.2 | 13.6 | 14.9 | 307.2 | 308.9 | 0.5 | 38.2 | 15.2 | 49.0 |
| 16.5 | 68.0 | 5983.4 | 475.0 | -24.4 | -45.6 | 222.9 | 22.1 | 15.0 | 16.2 | 307.8 | 309.1 | 0.4 | 34.2 | 16.9 | 49.0 |
| 17.8 | 71.4 | 6375.5 | 450.0 | -27.2 | -49.8 | 224.8 | 22.1 | 15.0 | 17.9 | 309.1 | 309.1 | 0.4 | 25.8 | 18.7 | 48.0 |
| 19.1 | 75.0 | 6784.0 | 425.0 | -30.8 | -54.5 | 221.4 | 25.2 | 18.0 | 20.4 | 309.6 | 310.2 | 0.2 | 24.2 | 20.7 | 48.0 |
| 20.5 | 78.6 | 7212.4 | 400.0 | -33.7 | -59.9 | 213.6 | 27.2 | 18.8 | 25.3 | 311.2 | 311.7 | 0.2 | 22.2 | 23.0 | 47.0 |
| 21.9 | 82.3 | 7661.7 | 375.0 | -37.2 | -65.0 | 208.0 | 30.3 | 15.3 | 28.8 | 312.4 | 312.8 | 0.1 | 22.2 | 25.7 | 45.0 |
| 23.5 | 86.0 | 8136.4 | 350.0 | -39.1 | -70.3 | 204.3 | 32.7 | 14.0 | 30.9 | 316.0 | 316.3 | 0.1 | 20.9 | 28.8 | 43.0 |
| 25.1 | 90.0 | 8644.5 | 325.0 | -39.6 | -75.4 | 209.1 | 33.9 | 15.4 | 27.7 | 322.0 | 322.3 | 0.1 | 18.5 | 31.8 | 41.0 |
| 26.8 | 94.2 | 9188.9 | 300.0 | -42.5 | -80.9 | 217.6 | 30.3 | 18.5 | 24.0 | 325.5 | 325.5 | 0.1 | 99.9 | 34.7 | 40.0 |
| 28.7 | 98.5 | 9777.6 | 275.0 | -48.0 | -86.2 | 219.8 | 25.3 | 16.2 | 19.4 | 333.0 | 333.0 | 99.9 | 99.9 | 38.2 | 40.0 |
| 30.9 | 103.0 | 10412.9 | 250.0 | -48.2 | -90.9 | 219.5 | 21.5 | 12.7 | 16.6 | 334.4 | 334.4 | 99.9 | 99.9 | 40.9 | 40.0 |
| 33.2 | 107.8 | 11102.6 | 225.0 | -50.3 | -95.9 | 231.1 | 21.8 | 16.3 | 14.3 | 341.5 | 341.5 | 99.9 | 99.9 | 44.0 | 41.0 |
| 35.8 | 112.8 | 11868.7 | 200.0 | -50.5 | -99.9 | 231.0 | 21.0 | 16.3 | 13.2 | 352.9 | 352.9 | 99.9 | 99.9 | 47.2 | 41.0 |
| 38.4 | 118.2 | 12737.9 | 175.0 | -50.9 | -99.9 | 245.6 | 21.0 | 19.2 | 8.7 | 365.9 | 365.9 | 99.9 | 99.9 | 50.3 | 42.0 |
| 41.3 | 124.2 | 13738.2 | 150.0 | -52.9 | -99.9 | 257.9 | 20.5 | 20.1 | 4.3 | 379.0 | 379.0 | 99.9 | 99.9 | 53.7 | 44.0 |
| 44.9 | 130.5 | 14913.6 | 125.0 | -54.4 | -99.9 | 258.8 | 12.4 | 12.2 | 3.1 | 396.5 | 396.5 | 99.9 | 99.9 | 56.7 | 46.0 |
| 49.1 | 138.0 | 16329.2 | 100.0 | -58.8 | -99.9 | 256.9 | 13.6 | 13.3 | 2.4 | 414.1 | 414.1 | 99.9 | 99.9 | 59.3 | 48.0 |
| 54.4 | 146.0 | 18137.3 | 75.0 | -59.4 | -99.9 | 251.1 | 9.4 | 8.9 | 3.0 | 448.5 | 448.5 | 99.9 | 99.9 | 63.1 | 50.0 |
| 61.2 | 155.0 | 20665.7 | 50.0 | -58.6 | -99.9 | 239.1 | 3.3 | 1.2 | -2.0 | 505.3 | 505.3 | 99.9 | 99.9 | 64.5 | 50.0 |
| 72.0 | 165.0 | 25082.1 | 25.0 | -52.8 | -99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 632.8 | 632.8 | 99.9 | 99.9 | 62.6 | 50.0 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
 ** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

STATION NO. 383
AMARILLO, TEXAS

24 APRIL 1982
1700 GMT

| TIME MIN | CNTQT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RIO CM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 15.6 | 1094.0 | 885.4 | 17.8 | 1.7 | 230.0 | 13.4 | 10.3 | 8.6 | 301.3 | 315.1 | 4.9 | 34.0 | 0.0 | 0.0 |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 900.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 0.3 | 17.6 | 1194.5 | 875.0 | 15.2 | 0.3 | 227.3 | 14.3 | 10.5 | 9.7 | 299.6 | 312.2 | 4.5 | 35.3 | 0.4 | 46.0 |
| 1.0 | 20.0 | 1438.6 | 850.0 | 12.4 | -0.1 | 231.7 | 14.8 | 11.7 | 9.2 | 299.2 | 311.9 | 4.6 | 42.7 | 0.9 | 46.0 |
| 1.5 | 22.5 | 1688.1 | 825.0 | 10.1 | -0.4 | 232.5 | 15.3 | 12.3 | 9.1 | 299.2 | 311.9 | 4.5 | 48.1 | 1.4 | 50.0 |
| 2.3 | 25.0 | 1942.7 | 800.0 | 7.2 | -0.8 | 232.5 | 14.3 | 11.3 | 8.7 | 298.9 | 311.5 | 4.5 | 56.4 | 2.0 | 51.0 |
| 3.9 | 30.1 | 2468.6 | 750.0 | 4.2 | -2.1 | 233.4 | 13.0 | 10.4 | 7.8 | 298.3 | 310.2 | 4.3 | 63.8 | 2.6 | 51.0 |
| 5.8 | 32.8 | 2741.2 | 725.0 | 1.8 | -1.9 | 231.7 | 13.3 | 10.5 | 8.3 | 298.6 | 311.1 | 4.5 | 76.5 | 3.3 | 52.0 |
| 7.7 | 35.4 | 3021.1 | 700.0 | -0.7 | -3.6 | 231.2 | 12.3 | 10.5 | 8.5 | 298.7 | 310.2 | 4.1 | 80.7 | 4.1 | 52.0 |
| 8.8 | 38.2 | 3308.7 | 675.0 | -2.2 | -9.3 | 228.7 | 12.3 | 9.3 | 8.1 | 300.1 | 307.6 | 2.7 | 58.0 | 4.9 | 51.0 |
| 9.7 | 41.1 | 3604.1 | 650.0 | -4.9 | -11.4 | 230.1 | 14.4 | 11.0 | 9.2 | 300.5 | 307.7 | 2.5 | 64.4 | 5.6 | 51.0 |
| 10.9 | 46.9 | 3909.3 | 625.0 | -8.0 | -17.0 | 232.6 | 15.5 | 12.3 | 9.4 | 300.2 | 307.7 | 2.5 | 73.7 | 6.4 | 51.0 |
| 12.0 | 50.0 | 4252.6 | 600.0 | -9.8 | -17.0 | 235.6 | 18.2 | 15.0 | 10.3 | 303.3 | 308.1 | 1.6 | 48.2 | 7.4 | 51.0 |
| 13.3 | 53.1 | 4552.1 | 575.0 | -12.7 | -21.0 | 239.0 | 18.2 | 15.6 | 9.4 | 304.7 | 308.8 | 1.3 | 44.0 | 8.5 | 52.0 |
| 14.6 | 56.4 | 4889.9 | 550.0 | -15.0 | -22.7 | 244.5 | 17.5 | 15.8 | 7.5 | 305.2 | 309.0 | 1.2 | 49.5 | 9.7 | 53.0 |
| 16.0 | 59.8 | 5239.8 | 525.0 | -17.9 | -25.5 | 245.1 | 18.2 | 16.5 | 7.7 | 306.3 | 309.8 | 1.1 | 51.6 | 11.0 | 55.0 |
| 17.6 | 63.3 | 5602.5 | 500.0 | -20.7 | -28.8 | 245.3 | 30.9 | 30.2 | 7.8 | 307.8 | 310.1 | 0.9 | 51.1 | 12.3 | 56.0 |
| 19.2 | 70.7 | 6371.8 | 475.0 | -32.1 | -34.9 | 205.9 | 31.7 | 32.8 | -6.5 | 308.6 | 310.4 | 0.7 | 47.8 | 13.8 | 59.0 |
| 20.6 | 74.6 | 6779.9 | 425.0 | -31.2 | -38.7 | 219.9 | 19.5 | 12.5 | 15.0 | 308.5 | 310.0 | 0.5 | 45.9 | 15.5 | 62.0 |
| 22.2 | 78.7 | 7206.3 | 400.0 | -35.1 | -43.3 | 230.4 | 19.1 | 14.7 | 12.2 | 309.1 | 310.1 | 0.4 | 49.7 | 17.2 | 55.0 |
| 23.5 | 82.8 | 7653.5 | 375.0 | -38.4 | -47.6 | 228.9 | 18.5 | 15.0 | 13.1 | 309.4 | 310.1 | 0.3 | 47.0 | 18.9 | 55.0 |
| 25.3 | 87.3 | 8124.3 | 350.0 | -39.8 | -47.6 | 231.3 | 18.5 | 14.7 | 13.1 | 309.4 | 310.1 | 0.2 | 42.6 | 20.7 | 54.0 |
| 27.0 | 92.0 | 8632.0 | 325.0 | -39.9 | -47.6 | 231.3 | 17.6 | 13.7 | 11.2 | 310.8 | 311.2 | 0.1 | 36.7 | 22.4 | 54.0 |
| 28.8 | 96.8 | 9178.5 | 300.0 | -40.1 | -47.6 | 231.3 | 22.7 | 13.7 | 11.0 | 315.1 | 311.2 | 99.9 | 999.9 | 24.0 | 54.0 |
| 30.8 | 102.0 | 9772.0 | 275.0 | -42.2 | -47.6 | 231.3 | 22.4 | 19.0 | 14.1 | 321.7 | 311.2 | 99.9 | 999.9 | 25.8 | 54.0 |
| 32.5 | 107.6 | 10412.7 | 250.0 | -44.3 | -47.6 | 236.2 | 20.8 | 17.3 | 14.1 | 328.9 | 311.2 | 99.9 | 999.9 | 28.1 | 54.0 |
| 33.5 | 113.5 | 11113.8 | 225.0 | -44.3 | -47.6 | 242.9 | 23.5 | 20.9 | 11.6 | 334.1 | 311.2 | 99.9 | 999.9 | 30.6 | 54.0 |
| 35.2 | 119.7 | 11890.5 | 200.0 | -47.4 | -47.6 | 243.0 | 19.8 | 17.6 | 10.7 | 340.2 | 311.2 | 99.9 | 999.9 | 33.1 | 55.0 |
| 38.2 | 126.2 | 12764.4 | 175.0 | -51.7 | -47.6 | 242.5 | 22.1 | 16.7 | 9.0 | 345.9 | 311.2 | 99.9 | 999.9 | 35.9 | 55.0 |
| 41.2 | 133.2 | 13765.6 | 150.0 | -51.3 | -47.6 | 242.5 | 18.9 | 16.7 | 8.7 | 355.4 | 311.2 | 99.9 | 999.9 | 39.0 | 55.0 |
| 44.7 | 140.7 | 14946.5 | 125.0 | -54.6 | -47.6 | 253.2 | 19.1 | 14.3 | 5.5 | 364.6 | 311.2 | 99.9 | 999.9 | 42.3 | 55.0 |
| 48.9 | 148.7 | 16363.1 | 100.0 | -56.5 | -47.6 | 254.0 | 16.2 | 14.1 | 4.3 | 396.2 | 311.2 | 99.9 | 999.9 | 45.6 | 55.0 |
| 54.2 | 156.7 | 18177.7 | 75.0 | -59.3 | -47.6 | 254.0 | 8.5 | 15.6 | 4.5 | 418.6 | 311.2 | 99.9 | 999.9 | 48.9 | 59.0 |
| 61.1 | 165.0 | 20719.0 | 50.0 | -57.2 | -47.6 | 290.3 | 3.7 | 3.0 | -2.9 | 448.7 | 311.2 | 99.9 | 999.9 | 52.8 | 59.0 |
| 71.9 | 165.0 | 25153.5 | 25.0 | -50.9 | -47.6 | 178.6 | 6.3 | -0.2 | 6.3 | 508.8 | 311.2 | 99.9 | 999.9 | 55.7 | 61.0 |
| | | | | | | | | | | 638.5 | 311.2 | 99.9 | 999.9 | 57.7 | 60.0 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 ** BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 *** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
 **** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

| STATION NO. 363 AMARILLO, TEXAS | | | | | | | | | | | | | | | 152 | | B. 0 | |
|------------------------------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|--|------|--|
| 24 APRIL 1982 | | | | | | | | | | | | | | | 2000 GMT | | | |
| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG | | | |
| 0.0 | 20.0 | 1094.0 | 882.4 | 18.4 | -2.5 | 220.0 | 10.3 | 6.6 | 7.9 | 302.2 | 312.6 | 3.6 | 24.0 | 0.0 | 0. | | | |
| 0.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | | | |
| 9.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | | | |
| 9.9 | 99.9 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | | | |
| 9.9 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | | | |
| 9.9 | 99.9 | 99.9 | 900.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | | | |
| 9.9 | 99.9 | 99.9 | 875.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | | | |
| 0.2 | 20.9 | 1186.1 | 850.0 | 18.3 | -2.1 | 221.7 | 11.4 | 7.5 | 8.5 | 302.8 | 313.6 | 3.7 | 24.8 | 0.3 | 31. | | | |
| 0.7 | 23.6 | 1413.2 | 825.0 | 15.8 | -2.2 | 220.4 | 11.0 | 7.1 | 8.4 | 302.8 | 313.7 | 3.8 | 24.8 | 0.4 | 37. | | | |
| 1.4 | 26.3 | 1685.2 | 800.0 | 13.1 | -2.9 | 215.8 | 10.6 | 6.2 | 8.6 | 302.4 | 313.2 | 3.7 | 32.7 | 0.8 | 38. | | | |
| 2.0 | 29.1 | 1922.5 | 775.0 | 10.4 | -3.7 | 213.8 | 12.0 | 6.7 | 9.0 | 302.3 | 312.8 | 3.6 | 36.8 | 1.3 | 38. | | | |
| 3.1 | 31.9 | 2185.6 | 750.0 | 7.9 | -4.0 | 218.4 | 12.6 | 7.8 | 9.8 | 302.3 | 312.9 | 3.7 | 42.7 | 2.0 | 38. | | | |
| 4.0 | 34.8 | 2454.9 | 725.0 | 5.3 | -4.4 | 224.6 | 12.8 | 9.0 | 9.1 | 302.4 | 312.9 | 3.7 | 49.3 | 2.8 | 37. | | | |
| 5.1 | 37.6 | 2730.7 | 700.0 | 2.6 | -8.5 | 232.0 | 12.7 | 10.2 | 7.8 | 302.3 | 312.7 | 3.3 | 51.2 | 3.6 | 40. | | | |
| 6.4 | 40.4 | 3013.6 | 675.0 | 0.3 | -8.3 | 242.3 | 12.7 | 11.2 | 5.9 | 302.8 | 312.7 | 3.4 | 51.0 | 4.5 | 43. | | | |
| 7.8 | 43.4 | 3304.0 | 650.0 | -2.4 | -7.8 | 250.1 | 12.3 | 11.5 | 4.2 | 303.0 | 312.4 | 3.2 | 51.0 | 5.5 | 48. | | | |
| 9.2 | 46.4 | 3602.9 | 625.0 | -4.7 | -7.6 | 262.4 | 12.9 | 12.8 | 3.4 | 303.6 | 313.3 | 3.3 | 51.0 | 6.5 | 52. | | | |
| 10.3 | 49.4 | 3910.2 | 600.0 | -7.6 | -7.6 | 265.4 | 14.3 | 14.3 | 0.9 | 303.6 | 313.3 | 3.3 | 51.0 | 7.3 | 54. | | | |
| 11.3 | 52.5 | 4227.2 | 575.0 | -9.3 | -18.2 | 265.5 | 14.3 | 14.3 | 0.9 | 305.4 | 310.1 | 1.5 | 48.3 | 8.0 | 58. | | | |
| 12.3 | 55.6 | 4554.9 | 550.0 | -11.7 | -19.7 | 265.8 | 14.7 | 14.6 | 1.1 | 308.3 | 310.6 | 1.4 | 51.4 | 8.7 | 60. | | | |
| 13.2 | 58.8 | 4893.7 | 525.0 | -14.2 | -23.8 | 268.2 | 16.2 | 16.1 | 1.9 | 307.2 | 310.5 | 1.4 | 51.4 | 9.5 | 62. | | | |
| 14.3 | 62.0 | 5245.0 | 500.0 | -16.3 | -28.3 | 268.2 | 18.5 | 18.5 | 0.5 | 308.9 | 311.1 | 0.7 | 51.4 | 10.5 | 65. | | | |
| 15.4 | 65.3 | 5610.2 | 475.0 | -19.5 | -29.8 | 273.3 | 20.0 | 20.0 | -1.1 | 309.3 | 311.4 | 0.6 | 51.4 | 11.5 | 67. | | | |
| 16.8 | 68.6 | 5989.1 | 450.0 | -22.4 | -33.4 | 268.9 | 20.5 | 20.4 | 0.7 | 310.3 | 311.9 | 0.5 | 51.4 | 13.0 | 70. | | | |
| 18.3 | 72.0 | 6383.8 | 425.0 | -25.5 | -37.5 | 262.5 | 21.1 | 20.8 | 2.2 | 311.2 | 312.3 | 0.3 | 51.4 | 14.8 | 72. | | | |
| 19.7 | 75.6 | 6795.3 | 400.0 | -29.0 | -39.0 | 265.9 | 21.0 | 20.9 | 3.2 | 311.2 | 312.3 | 0.3 | 51.4 | 16.5 | 73. | | | |
| 21.2 | 79.1 | 7224.7 | 375.0 | -32.9 | -42.9 | 271.3 | 20.2 | 20.2 | -0.5 | 312.3 | 313.0 | 0.2 | 51.4 | 18.3 | 74. | | | |
| 22.7 | 82.9 | 7675.4 | 350.0 | -36.8 | -46.4 | 270.0 | 23.2 | 23.2 | -0.0 | 312.3 | 313.4 | 0.2 | 51.4 | 20.2 | 75. | | | |
| 24.3 | 86.7 | 8148.5 | 325.0 | -41.1 | -49.9 | 273.1 | 23.1 | 23.1 | -0.2 | 313.3 | 313.4 | 0.2 | 51.4 | 22.2 | 77. | | | |
| 25.8 | 90.8 | 8647.3 | 300.0 | -45.4 | -53.5 | 270.8 | 24.6 | 24.6 | -0.3 | 314.1 | 314.1 | 0.2 | 51.4 | 24.3 | 78. | | | |
| 27.6 | 94.8 | 9183.9 | 275.0 | -49.9 | -57.9 | 260.7 | 23.6 | 23.3 | 0.8 | 335.4 | 314.1 | 0.2 | 51.4 | 26.7 | 80. | | | |
| 29.6 | 98.2 | 9772.1 | 250.0 | -44.1 | -59.9 | 260.7 | 23.6 | 23.3 | 3.8 | 340.4 | 314.1 | 0.2 | 51.4 | 29.5 | 80. | | | |
| 31.8 | 103.8 | 10414.9 | 225.0 | -48.3 | -59.9 | 261.2 | 20.3 | 20.1 | 5.6 | 347.5 | 314.1 | 0.2 | 51.4 | 32.6 | 80. | | | |
| 34.1 | 106.6 | 11117.9 | 200.0 | -48.2 | -59.9 | 263.3 | 19.5 | 18.5 | 3.1 | 356.4 | 314.1 | 0.2 | 51.4 | 35.6 | 80. | | | |
| 36.7 | 113.6 | 11895.7 | 175.0 | -50.7 | -59.9 | 259.7 | 18.5 | 18.2 | 3.3 | 366.2 | 314.1 | 0.2 | 51.4 | 38.6 | 80. | | | |
| 39.5 | 119.0 | 12770.5 | 150.0 | -51.9 | -59.9 | 255.5 | 17.5 | 16.9 | 4.4 | 380.6 | 314.1 | 0.2 | 51.4 | 41.9 | 80. | | | |
| 43.0 | 125.0 | 13773.2 | 125.0 | -52.9 | -59.9 | 253.9 | 15.9 | 15.6 | 7.6 | 399.2 | 314.1 | 0.2 | 51.4 | 45.6 | 80. | | | |
| 47.0 | 131.3 | 14952.3 | 100.0 | -56.7 | -59.9 | 243.9 | 15.3 | 15.4 | 3.7 | 418.2 | 314.1 | 0.2 | 51.4 | 49.7 | 79. | | | |
| 52.0 | 138.7 | 16377.8 | 75.0 | -58.9 | -59.9 | 266.8 | 17.9 | 15.4 | 0.9 | 506.8 | 314.1 | 0.2 | 51.4 | 58.4 | 78. | | | |
| 57.7 | 148.7 | 18191.8 | 50.0 | -58.0 | -59.9 | 258.5 | 4.0 | 3.9 | 1.8 | 540.0 | 314.1 | 0.2 | 51.4 | 61.2 | 77. | | | |
| 65.4 | 155.3 | 20730.0 | 25.0 | -50.5 | -59.9 | 246.4 | 4.5 | 4.2 | 1.8 | 540.0 | 314.1 | 0.2 | 51.4 | 61.2 | 77. | | | |
| 77.4 | 164.7 | 25173.7 | 25.0 | -50.5 | -59.9 | 246.4 | 4.5 | 4.2 | 1.8 | 540.0 | 314.1 | 0.2 | 51.4 | 61.2 | 77. | | | |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 ** BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 *** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
 **** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

STATION NO 363
ARLINGTON, TEXAS

25 APRIL 1982
2000 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MR | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 19.7 | 1094.0 | 880.3 | 14.4 | 1.0 | 180.0 | 1.6 | 0.0 | 1.6 | 298.2 | 311.3 | 4.7 | 40.0 | 0.0 | 0 |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 900.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 |
| 0.2 | 20.2 | 1145.1 | 875.0 | 14.8 | 0.5 | 999.9 | 99.9 | 99.9 | 99.9 | 299.1 | 311.9 | 4.6 | 38.0 | 99.9 | 999.9 |
| 1.0 | 22.6 | 1390.6 | 850.0 | 13.3 | -2.6 | 999.9 | 99.9 | 99.9 | 99.9 | 301.7 | 312.4 | 3.7 | 30.0 | 99.9 | 999.9 |
| 1.8 | 25.6 | 1642.5 | 825.0 | 12.0 | -4.1 | 999.9 | 99.9 | 99.9 | 99.9 | 302.6 | 312.5 | 3.4 | 29.6 | 99.9 | 999.9 |
| 2.7 | 28.2 | 1900.5 | 800.0 | 9.7 | -6.4 | 999.9 | 99.9 | 99.9 | 99.9 | 304.0 | 313.7 | 3.4 | 30.5 | 0.8 | 50 |
| 3.5 | 31.0 | 2165.0 | 775.0 | 7.4 | -7.9 | 271.1 | 10.2 | 10.2 | 0.6 | 304.2 | 313.2 | 3.1 | 31.6 | 1.0 | 59 |
| 4.4 | 33.7 | 2436.4 | 750.0 | 5.5 | -8.5 | 272.6 | 13.4 | 13.4 | -0.2 | 304.6 | 313.0 | 2.8 | 32.8 | 1.7 | 73 |
| 5.3 | 36.4 | 2714.5 | 725.0 | 3.0 | -10.0 | 276.3 | 15.6 | 15.6 | -0.7 | 305.5 | 313.7 | 2.5 | 35.6 | 2.5 | 79 |
| 6.4 | 39.3 | 3000.1 | 700.0 | 0.2 | -9.6 | 276.4 | 16.1 | 16.0 | -1.8 | 305.9 | 313.5 | 2.7 | 37.6 | 3.5 | 83 |
| 7.3 | 42.1 | 3293.2 | 675.0 | -2.7 | -8.8 | 276.7 | 17.5 | 17.4 | -1.9 | 305.9 | 314.0 | 2.7 | 47.8 | 4.4 | 86 |
| 8.3 | 45.0 | 3594.1 | 650.0 | -5.3 | -11.2 | 272.2 | 18.4 | 18.2 | -2.2 | 305.9 | 314.2 | 2.6 | 57.7 | 5.4 | 88 |
| 9.4 | 47.9 | 3903.9 | 625.0 | -8.3 | -12.5 | 270.7 | 19.3 | 19.3 | -0.7 | 306.4 | 314.1 | 2.4 | 62.9 | 6.6 | 90 |
| 10.5 | 50.9 | 4222.8 | 600.0 | -11.2 | -17.2 | 274.6 | 18.6 | 18.6 | -0.2 | 306.6 | 313.9 | 2.4 | 71.2 | 7.9 | 90 |
| 11.7 | 53.9 | 4551.6 | 575.0 | -14.0 | -19.4 | 277.3 | 17.6 | 17.5 | -1.4 | 306.9 | 312.2 | 1.7 | 60.6 | 9.2 | 90 |
| 12.9 | 56.9 | 4891.1 | 550.0 | -16.4 | -23.5 | 281.9 | 18.2 | 18.1 | -2.3 | 307.5 | 312.1 | 1.5 | 63.2 | 10.4 | 91 |
| 14.0 | 60.0 | 5242.7 | 525.0 | -19.0 | -23.7 | 281.0 | 15.8 | 15.4 | -3.2 | 308.7 | 312.1 | 1.1 | 54.2 | 11.5 | 92 |
| 15.2 | 63.3 | 5602.1 | 500.0 | -20.6 | -25.5 | 283.3 | 14.4 | 14.2 | -2.8 | 309.9 | 313.4 | 1.1 | 66.4 | 12.7 | 93 |
| 16.6 | 66.5 | 5988.9 | 475.0 | -23.4 | -32.2 | 280.7 | 14.3 | 13.9 | -3.3 | 312.4 | 315.7 | 1.0 | 65.0 | 13.8 | 93 |
| 17.9 | 69.8 | 6386.6 | 450.0 | -26.8 | -36.7 | 289.1 | 14.7 | 13.8 | -5.2 | 313.9 | 315.8 | 0.6 | 43.8 | 14.9 | 94 |
| 19.4 | 73.1 | 6802.0 | 425.0 | -30.5 | -44.8 | 286.2 | 17.5 | 16.5 | -5.7 | 314.7 | 316.0 | 0.4 | 38.1 | 16.2 | 94 |
| 21.0 | 76.7 | 7236.3 | 400.0 | -34.5 | -48.6 | 283.8 | 16.9 | 16.1 | -4.7 | 315.4 | 316.1 | 0.2 | 23.0 | 17.9 | 97 |
| 22.6 | 80.3 | 7691.2 | 375.0 | -38.7 | -48.3 | 282.3 | 16.9 | 16.4 | -4.0 | 315.9 | 316.4 | 0.1 | 22.2 | 19.5 | 97 |
| 24.4 | 84.0 | 8169.0 | 350.0 | -43.0 | -59.9 | 280.4 | 19.9 | 19.5 | -4.3 | 316.6 | 317.1 | 0.1 | 34.9 | 21.4 | 98 |
| 26.4 | 87.8 | 8673.2 | 325.0 | -47.4 | 99.9 | 278.7 | 20.3 | 20.0 | -3.7 | 317.5 | 999.9 | 99.9 | 999.9 | 23.8 | 98 |
| 28.3 | 91.8 | 9207.9 | 300.0 | -47.0 | 99.9 | 999.9 | 21.6 | 21.3 | -3.3 | 318.5 | 999.9 | 99.9 | 999.9 | 26.3 | 98 |
| 30.5 | 96.0 | 9778.7 | 275.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 327.1 | 999.9 | 99.9 | 999.9 | 99.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 250.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 99.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 225.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 99.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 200.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 99.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 175.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 99.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 150.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 99.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 125.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 99.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 100.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 99.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 75.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 99.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 50.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 99.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 99.9 | 999.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 363
AMARILLO, TEXAS
25 APRIL 1982
500 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 17.0 | 1094.0 | 881.5 | 11.7 | -0.4 | 290.0 | 5.7 | 5.4 | -1.9 | 295.3 | 307.0 | 4.2 | 43.0 | 0.0 | 0.0 |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 900.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.3 | 17.6 | 1156.7 | 875.0 | 14.6 | -1.5 | 296.4 | 11.7 | 10.5 | -5.2 | 299.0 | 310.0 | 3.9 | 32.9 | 0.3 | 108.0 |
| 2.0 | 20.0 | 1401.2 | 850.0 | 13.6 | -3.0 | 301.6 | 10.9 | 9.3 | -5.7 | 300.4 | 310.7 | 3.6 | 31.5 | 0.8 | 115.0 |
| 3.0 | 22.3 | 1652.2 | 825.0 | 12.3 | -3.3 | 298.1 | 8.8 | 7.7 | -4.1 | 301.6 | 312.0 | 3.7 | 33.5 | 1.3 | 117.0 |
| 3.9 | 27.2 | 1909.0 | 800.0 | 10.1 | -3.4 | 300.3 | 8.9 | 7.6 | -4.5 | 301.9 | 312.6 | 3.7 | 38.3 | 1.8 | 117.0 |
| 4.9 | 29.8 | 2171.8 | 775.0 | 7.8 | -4.9 | 303.2 | 10.9 | 9.1 | -6.0 | 302.2 | 312.1 | 3.4 | 40.1 | 2.3 | 119.0 |
| 5.9 | 32.3 | 2441.0 | 750.0 | 5.5 | -6.0 | 300.2 | 12.0 | 10.3 | -6.0 | 302.5 | 312.0 | 3.3 | 42.2 | 3.0 | 119.0 |
| 6.9 | 35.0 | 2717.0 | 725.0 | 2.9 | -7.3 | 298.5 | 13.8 | 12.1 | -6.6 | 302.7 | 311.6 | 3.1 | 47.0 | 3.7 | 119.0 |
| 8.0 | 37.7 | 3000.0 | 700.0 | 0.3 | -8.4 | 298.4 | 14.3 | 12.6 | -6.8 | 302.8 | 311.3 | 2.9 | 52.2 | 4.6 | 119.0 |
| 8.9 | 40.3 | 3290.7 | 675.0 | -2.2 | -10.0 | 298.7 | 16.3 | 14.3 | -7.9 | 303.2 | 311.0 | 1.9 | 55.2 | 5.5 | 119.0 |
| 9.9 | 43.1 | 3589.5 | 650.0 | -4.4 | -14.8 | 296.2 | 18.0 | 16.1 | -7.9 | 303.9 | 309.6 | 1.0 | 44.7 | 6.6 | 119.0 |
| 11.0 | 46.0 | 3896.9 | 625.0 | -6.7 | -22.8 | 288.8 | 17.6 | 16.7 | -5.7 | 304.8 | 307.9 | 0.7 | 28.6 | 7.7 | 118.0 |
| 12.1 | 49.0 | 4214.2 | 600.0 | -9.1 | -28.2 | 284.9 | 17.7 | 17.7 | -4.5 | 305.6 | 308.0 | 0.7 | 23.4 | 8.8 | 116.0 |
| 13.3 | 52.0 | 4541.9 | 575.0 | -11.5 | -38.4 | 284.3 | 18.2 | 17.7 | -4.5 | 306.5 | 310.9 | 1.4 | 51.8 | 9.9 | 115.0 |
| 14.3 | 55.1 | 4881.4 | 550.0 | -13.8 | -48.2 | 284.3 | 19.0 | 18.4 | -4.7 | 307.7 | 312.0 | 1.4 | 56.9 | 11.2 | 114.0 |
| 15.5 | 58.4 | 5232.8 | 525.0 | -17.2 | -61.5 | 284.3 | 19.0 | 18.0 | -6.2 | 307.8 | 312.0 | 1.3 | 68.8 | 12.4 | 113.0 |
| 16.8 | 61.7 | 5597.5 | 500.0 | -19.4 | -74.3 | 295.7 | 20.0 | 18.0 | -6.7 | 309.5 | 312.9 | 1.1 | 84.9 | 13.8 | 113.0 |
| 18.2 | 65.1 | 5976.7 | 475.0 | -22.4 | -83.1 | 293.8 | 21.1 | 19.3 | -8.5 | 310.3 | 312.7 | 0.7 | 54.3 | 15.3 | 113.0 |
| 19.7 | 68.7 | 6371.7 | 450.0 | -25.5 | -93.2 | 288.5 | 22.5 | 21.3 | -7.1 | 311.2 | 313.0 | 0.5 | 49.9 | 17.1 | 113.0 |
| 21.3 | 72.5 | 6783.7 | 425.0 | -29.0 | -103.2 | 290.3 | 20.3 | 19.0 | -7.0 | 312.4 | 313.2 | 0.4 | 49.6 | 19.1 | 113.0 |
| 22.8 | 76.3 | 7213.9 | 400.0 | -32.8 | -114.8 | 293.8 | 19.8 | 18.1 | -8.0 | 312.4 | 313.2 | 0.2 | 35.7 | 20.9 | 113.0 |
| 24.4 | 80.5 | 7665.2 | 375.0 | -36.2 | -128.2 | 285.4 | 22.3 | 21.5 | -5.9 | 313.7 | 314.3 | 0.2 | 34.4 | 22.9 | 112.0 |
| 26.1 | 84.8 | 8140.2 | 350.0 | -40.2 | -145.9 | 277.0 | 22.3 | 22.1 | -2.7 | 314.5 | 314.3 | 0.2 | 25.0 | 25.0 | 111.0 |
| 28.2 | 89.2 | 8640.9 | 325.0 | -44.9 | -169.9 | 280.7 | 23.9 | 23.4 | -4.4 | 314.8 | 314.8 | 0.2 | 27.3 | 27.3 | 110.0 |
| 30.3 | 94.0 | 9175.4 | 300.0 | -44.1 | -199.9 | 283.6 | 20.9 | 20.2 | -5.2 | 323.2 | 314.8 | 0.2 | 30.0 | 30.0 | 109.0 |
| 32.4 | 98.8 | 9759.1 | 275.0 | -43.9 | -229.9 | 283.4 | 18.9 | 18.4 | -4.4 | 331.6 | 314.8 | 0.2 | 32.5 | 32.5 | 109.0 |
| 35.2 | 104.2 | 10395.6 | 250.0 | -47.5 | -259.9 | 288.0 | 16.2 | 15.4 | -5.0 | 335.4 | 314.8 | 0.2 | 34.9 | 34.9 | 109.0 |
| 37.8 | 109.8 | 11087.0 | 225.0 | -50.1 | -289.9 | 273.9 | 14.2 | 14.2 | -1.0 | 341.7 | 314.8 | 0.2 | 37.2 | 37.2 | 109.0 |
| 41.0 | 115.5 | 11849.5 | 200.0 | -53.4 | -319.9 | 263.4 | 15.5 | 15.4 | -0.3 | 348.3 | 314.8 | 0.2 | 39.3 | 39.3 | 107.0 |
| 44.9 | 122.0 | 12708.7 | 175.0 | -52.2 | -349.9 | 271.1 | 16.2 | 16.2 | -0.3 | 362.1 | 314.8 | 0.2 | 42.6 | 42.6 | 106.0 |
| 49.0 | 128.7 | 13702.6 | 150.0 | -51.6 | -379.9 | 252.3 | 17.7 | 16.9 | 5.4 | 381.2 | 314.8 | 0.2 | 45.6 | 45.6 | 104.0 |
| 54.0 | 138.0 | 14877.8 | 125.0 | -56.2 | -409.9 | 254.2 | 16.0 | 15.4 | 4.4 | 393.3 | 314.8 | 0.2 | 49.3 | 49.3 | 101.0 |
| 60.4 | 143.7 | 16298.1 | 100.0 | -56.7 | -439.9 | 268.6 | 11.5 | 11.5 | 0.3 | 418.3 | 314.8 | 0.2 | 53.1 | 53.1 | 100.0 |
| 68.5 | 151.5 | 18101.0 | 75.0 | -61.8 | -469.9 | 236.8 | 7.1 | 6.0 | 3.9 | 443.5 | 314.8 | 0.2 | 56.7 | 56.7 | 99.0 |
| 83.0 | 160.0 | 20615.4 | 50.0 | -58.7 | -499.9 | 127.7 | 3.2 | -2.5 | 1.9 | 505.3 | 314.8 | 0.2 | 59.9 | 59.9 | 98.0 |
| | | 25020.2 | 25.0 | -51.9 | -529.9 | 107.2 | 3.3 | -3.1 | 1.0 | 635.4 | 314.8 | 0.2 | 54.5 | 54.5 | 98.0 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
 ** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 365
ALBUQUERQUE, NEW MEXICO
24 APRIL 1982
1415 GMT

142 10. 0

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 23.0 | 1619.0 | 836.0 | 4.9 | 4.2 | 130.0 | 3.1 | -2.4 | 2.0 | 292.7 | 309.3 | 6.2 | 95.0 | 0.0 | 0 |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 900.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 875.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 850.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 825.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 800.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 775.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 750.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 725.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 700.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 675.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 650.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 625.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 600.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 575.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 550.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 525.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 500.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 475.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 450.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 425.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 400.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 375.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 350.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 325.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 300.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 275.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 250.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 225.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 200.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 175.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 150.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 125.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 100.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 75.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 50.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
** BY TEMP MEANS MISSING DATA STRUTUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 365
ALBUQUERQUE, NEW MEXICO
24 APRIL 1982
1715 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 23.8 | 1619.0 | 835.4 | 13.3 | 5.9 | 230.0 | 2.6 | 2.0 | 1.7 | 301.5 | 321.0 | 7.0 | 81.0 | 0.0 | 0.0 |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 900.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 875.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 850.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.2 | 24.8 | 1723.9 | 825.0 | 10.5 | 99.9 | 253.8 | 5.1 | 4.9 | 1.4 | 299.7 | 329.5 | 99.9 | 99.9 | 99.9 | 99.9 |
| 1.0 | 27.4 | 1978.7 | 800.0 | 7.3 | 0.7 | 253.9 | 4.7 | 4.5 | 1.3 | 299.0 | 313.1 | 5.1 | 62.8 | 0.1 | 62.8 |
| 1.6 | 30.1 | 2239.1 | 775.0 | 4.7 | 0.5 | 265.7 | 3.8 | 3.8 | 0.3 | 298.9 | 313.2 | 5.1 | 73.8 | 0.2 | 77.8 |
| 2.3 | 32.8 | 2309.3 | 750.0 | 2.1 | 0.0 | 285.3 | 5.0 | 4.8 | 0.3 | 298.9 | 313.2 | 5.1 | 86.2 | 0.4 | 81.8 |
| 2.9 | 35.6 | 2778.6 | 725.0 | -0.3 | -1.1 | 293.8 | 9.5 | 8.7 | -1.3 | 298.9 | 312.8 | 4.9 | 94.1 | 0.5 | 81.8 |
| 3.5 | 38.2 | 3058.8 | 700.0 | -2.2 | -3.3 | 305.5 | 16.6 | 13.5 | -3.8 | 299.1 | 312.8 | 4.9 | 94.1 | 0.8 | 90.8 |
| 4.2 | 41.0 | 3348.7 | 675.0 | -3.7 | -8.3 | 312.7 | 21.8 | 16.0 | -9.7 | 300.0 | 312.3 | 4.3 | 92.9 | 1.2 | 101.8 |
| 5.2 | 43.9 | 3641.5 | 650.0 | -5.3 | -10.0 | 316.0 | 22.8 | 15.9 | -14.8 | 301.5 | 310.3 | 3.0 | 70.1 | 2.0 | 113.8 |
| 6.3 | 46.7 | 3951.5 | 625.0 | -7.3 | -12.5 | 317.6 | 21.4 | 14.4 | -15.8 | 303.0 | 311.1 | 2.8 | 69.4 | 3.2 | 122.8 |
| 7.7 | 49.6 | 4268.6 | 600.0 | -9.2 | -15.9 | 318.9 | 20.7 | 14.1 | -15.8 | 304.1 | 311.0 | 2.3 | 66.3 | 4.7 | 127.8 |
| 8.9 | 52.6 | 4598.7 | 575.0 | -11.4 | -18.7 | 319.4 | 19.6 | 12.8 | -15.1 | 305.5 | 311.1 | 1.8 | 58.2 | 6.4 | 130.8 |
| 10.0 | 55.6 | 4938.2 | 550.0 | -13.8 | -21.5 | 320.5 | 17.2 | 10.9 | -14.3 | 306.6 | 311.3 | 1.5 | 52.2 | 9.1 | 132.8 |
| 11.1 | 58.6 | 5288.2 | 525.0 | -16.4 | -24.2 | 315.4 | 18.3 | 12.9 | -13.9 | 307.7 | 311.6 | 1.2 | 52.2 | 10.2 | 133.8 |
| 12.2 | 61.8 | 5653.2 | 500.0 | -18.9 | -26.8 | 315.6 | 17.7 | 12.1 | -12.8 | 308.7 | 311.9 | 1.0 | 51.0 | 11.4 | 133.8 |
| 13.4 | 64.9 | 6033.3 | 475.0 | -21.6 | -33.3 | 319.1 | 18.5 | 12.1 | -14.0 | 310.1 | 312.2 | 0.5 | 37.2 | 12.6 | 134.8 |
| 14.7 | 68.1 | 6429.2 | 450.0 | -24.6 | -37.8 | 314.2 | 19.0 | 13.6 | -13.2 | 311.3 | 312.3 | 0.3 | 33.7 | 14.0 | 134.8 |
| 16.0 | 71.6 | 6843.2 | 425.0 | -28.6 | -41.6 | 309.0 | 20.8 | 16.2 | -13.1 | 312.4 | 313.1 | 0.2 | 27.8 | 15.7 | 134.8 |
| 17.4 | 75.0 | 7273.2 | 400.0 | -32.4 | -45.1 | 308.0 | 20.6 | 16.7 | -12.1 | 312.9 | 313.5 | 0.2 | 26.8 | 17.4 | 133.8 |
| 18.9 | 78.6 | 7724.5 | 375.0 | -36.7 | -48.5 | 302.5 | 20.4 | 17.2 | -11.0 | 313.0 | 313.5 | 0.1 | 27.9 | 19.2 | 132.8 |
| 20.5 | 82.1 | 8197.5 | 350.0 | -41.2 | -51.9 | 300.8 | 22.4 | 19.2 | -11.5 | 313.1 | 313.5 | 99.9 | 99.9 | 21.1 | 131.8 |
| 22.1 | 85.9 | 8697.6 | 325.0 | -43.7 | -54.9 | 299.2 | 27.8 | 24.3 | -13.6 | 315.5 | 315.5 | 99.9 | 99.9 | 23.6 | 130.8 |
| 23.9 | 89.8 | 9236.4 | 300.0 | -44.3 | -56.9 | 292.6 | 27.5 | 25.4 | -10.5 | 323.0 | 315.5 | 99.9 | 99.9 | 26.7 | 129.8 |
| 26.0 | 94.0 | 9814.8 | 275.0 | -48.1 | -59.9 | 292.7 | 22.2 | 26.0 | -10.9 | 323.0 | 315.5 | 99.9 | 99.9 | 29.9 | 127.8 |
| 28.2 | 98.3 | 10441.0 | 250.0 | -49.5 | -59.9 | 291.8 | 25.3 | 23.5 | -9.4 | 325.6 | 315.5 | 99.9 | 99.9 | 33.3 | 125.8 |
| 30.4 | 102.8 | 11125.7 | 225.0 | -52.1 | -59.9 | 283.8 | 21.2 | 20.6 | -5.1 | 332.4 | 315.5 | 99.9 | 99.9 | 36.4 | 124.8 |
| 32.9 | 107.8 | 11884.9 | 200.0 | -53.2 | -59.9 | 286.3 | 21.0 | 20.1 | -5.9 | 338.5 | 315.5 | 99.9 | 99.9 | 39.2 | 122.8 |
| 35.8 | 113.0 | 12748.1 | 175.0 | -52.2 | -59.9 | 272.1 | 22.4 | 22.4 | -0.8 | 343.8 | 315.5 | 99.9 | 99.9 | 42.8 | 121.8 |
| 39.2 | 118.6 | 13748.6 | 150.0 | -51.9 | -59.9 | 267.9 | 19.6 | 19.6 | 0.7 | 350.7 | 315.5 | 99.9 | 99.9 | 45.7 | 117.8 |
| 42.7 | 125.0 | 14925.9 | 125.0 | -55.7 | -59.9 | 238.9 | 13.4 | 13.4 | -0.1 | 394.1 | 315.5 | 99.9 | 99.9 | 48.3 | 116.8 |
| 47.7 | 132.0 | 16342.3 | 100.0 | -55.1 | -59.9 | 238.9 | 10.0 | 8.6 | 5.2 | 421.3 | 315.5 | 99.9 | 99.9 | 52.7 | 113.8 |
| 54.3 | 140.0 | 18154.0 | 75.0 | -60.4 | -59.9 | 249.2 | 8.0 | 7.5 | 2.8 | 446.3 | 315.5 | 99.9 | 99.9 | 54.5 | 110.8 |
| 61.9 | 149.0 | 20659.8 | 50.0 | -57.1 | -59.9 | 242.4 | 2.6 | 2.3 | 1.2 | 509.0 | 315.5 | 99.9 | 99.9 | 58.2 | 110.8 |
| 74.6 | 159.5 | 25139.9 | 25.0 | -50.3 | -59.9 | 159.8 | 3.8 | -1.3 | 3.6 | 640.1 | 315.5 | 99.9 | 99.9 | 54.7 | 109.8 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 ** BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 *** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
 **** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE 16
OF POOR QUALITY

STATION NO. 385
ALBUQUERQUE, NEW MEXICO
24 APRIL 1982
2015 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT Y DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 23.4 | 1619.0 | 832.7 | 17.8 | -3.0 | 320.0 | 7.7 | 4.9 | -5.9 | 306.6 | 317.4 | 3.7 | 24.0 | 0.0 | 0 |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999 |
| 99.9 | 99.9 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999 |
| 99.9 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999 |
| 99.9 | 99.9 | 99.9 | 900.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999 |
| 99.9 | 99.9 | 99.9 | 875.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999 |
| 99.9 | 99.9 | 99.9 | 850.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999 |
| 0.1 | 24.2 | 1598.1 | 825.0 | 15.7 | -4.8 | 320.2 | 10.4 | 6.6 | -8.0 | 305.2 | 314.8 | 3.2 | 23.8 | 0.3 | 138 |
| 0.8 | 26.9 | 1957.7 | 800.0 | 13.1 | -5.9 | 323.5 | 11.1 | 6.6 | -10.3 | 305.2 | 314.2 | 3.1 | 26.0 | 0.5 | 139 |
| 1.2 | 29.6 | 2223.3 | 775.0 | 10.6 | -6.4 | 327.0 | 12.2 | 7.6 | -9.7 | 305.2 | 314.1 | 3.0 | 29.8 | 0.8 | 142 |
| 1.7 | 32.2 | 2495.0 | 750.0 | 8.0 | -7.1 | 314.4 | 12.6 | 9.0 | -8.8 | 305.2 | 314.0 | 2.9 | 33.4 | 1.5 | 142 |
| 2.2 | 34.9 | 2773.2 | 725.0 | 5.3 | -7.7 | 312.4 | 14.4 | 10.6 | -9.7 | 305.0 | 313.7 | 3.0 | 38.2 | 1.9 | 149 |
| 2.6 | 37.7 | 3058.4 | 700.0 | 2.2 | -8.4 | 314.8 | 15.3 | 10.9 | -10.8 | 305.0 | 313.9 | 3.0 | 46.2 | 2.5 | 139 |
| 3.3 | 40.3 | 3350.8 | 675.0 | -0.6 | -8.4 | 314.8 | 15.5 | 11.0 | -10.9 | 305.0 | 313.8 | 2.9 | 55.3 | 3.1 | 138 |
| 3.9 | 43.1 | 3651.0 | 650.0 | -3.3 | -9.4 | 314.9 | 15.5 | 11.0 | -10.6 | 305.0 | 313.1 | 2.7 | 62.9 | 3.8 | 137 |
| 4.7 | 46.0 | 3959.6 | 625.0 | -6.5 | -10.6 | 312.1 | 15.9 | 11.8 | -10.6 | 305.0 | 313.5 | 2.5 | 72.8 | 4.4 | 136 |
| 5.3 | 48.9 | 4277.1 | 600.0 | -9.6 | -10.4 | 311.9 | 15.8 | 11.9 | -10.1 | 305.0 | 312.4 | 2.4 | 84.2 | 4.9 | 136 |
| 5.9 | 51.9 | 4604.7 | 575.0 | -12.9 | -10.4 | 312.5 | 15.0 | 11.0 | -8.9 | 308.8 | 312.4 | 2.1 | 94.0 | 5.4 | 135 |
| 6.5 | 54.8 | 4944.9 | 550.0 | -14.9 | -13.6 | 312.5 | 13.2 | 9.8 | -8.2 | 310.6 | 317.2 | 1.8 | 93.4 | 5.9 | 135 |
| 7.1 | 57.9 | 5298.8 | 525.0 | -17.3 | -15.7 | 311.8 | 12.0 | 10.7 | -9.0 | 312.0 | 317.6 | 1.4 | 92.6 | 6.4 | 135 |
| 7.8 | 61.0 | 5666.8 | 500.0 | -21.0 | -18.2 | 310.0 | 14.0 | 12.2 | -9.8 | 311.9 | 316.3 | 1.1 | 91.2 | 7.1 | 134 |
| 8.5 | 64.1 | 6049.0 | 475.0 | -23.3 | -22.1 | 308.7 | 15.7 | 11.6 | -9.3 | 314.0 | 317.6 | 1.1 | 85.3 | 8.0 | 134 |
| 9.5 | 67.3 | 6447.0 | 450.0 | -28.2 | -31.1 | 306.5 | 16.3 | 13.1 | -9.7 | 312.9 | 315.1 | 0.7 | 75.7 | 9.2 | 133 |
| 10.9 | 70.6 | 6860.7 | 425.0 | -36.1 | -37.0 | 301.4 | 18.6 | 15.8 | -9.4 | 313.4 | 314.8 | 0.4 | 60.9 | 11.0 | 131 |
| 12.6 | 74.0 | 7292.0 | 400.0 | -42.4 | -45.8 | 297.3 | 20.6 | 18.3 | -9.4 | 313.9 | 314.5 | 0.2 | 35.5 | 13.4 | 129 |
| 14.7 | 77.5 | 7744.0 | 375.0 | -49.8 | -49.9 | 296.6 | 23.4 | 20.9 | -10.5 | 315.1 | 999.9 | 99.9 | 99.9 | 16.0 | 127 |
| 16.7 | 81.1 | 8218.9 | 350.0 | -53.8 | 99.9 | 296.6 | 25.5 | 22.3 | -12.2 | 318.3 | 999.9 | 99.9 | 99.9 | 18.9 | 126 |
| 18.7 | 84.9 | 8722.6 | 325.0 | -42.4 | 99.9 | 295.3 | 27.5 | 24.9 | -11.8 | 322.5 | 999.9 | 99.9 | 99.9 | 22.2 | 125 |
| 20.7 | 88.7 | 9261.5 | 300.0 | -47.4 | 99.9 | 290.6 | 28.3 | 26.5 | -10.0 | 326.5 | 999.9 | 99.9 | 99.9 | 26.0 | 123 |
| 23.2 | 92.7 | 9840.3 | 275.0 | -50.4 | 99.9 | 297.1 | 25.9 | 23.1 | -11.8 | 331.1 | 999.9 | 99.9 | 99.9 | 30.3 | 121 |
| 25.7 | 97.0 | 10465.7 | 250.0 | -52.1 | 99.9 | 297.9 | 20.7 | 18.3 | -9.7 | 338.6 | 999.9 | 99.9 | 99.9 | 36.3 | 120 |
| 27.9 | 101.3 | 11152.0 | 225.0 | -53.8 | 99.9 | 284.3 | 19.9 | 19.3 | -4.9 | 347.6 | 999.9 | 99.9 | 99.9 | 40.1 | 118 |
| 30.6 | 106.2 | 11911.0 | 200.0 | -53.0 | 99.9 | 260.2 | 23.2 | 22.8 | -2.4 | 362.4 | 999.9 | 99.9 | 99.9 | 44.9 | 116 |
| 33.7 | 111.3 | 12766.1 | 175.0 | -52.4 | 99.9 | 275.6 | 23.4 | 23.4 | 5.3 | 403.4 | 999.9 | 99.9 | 99.9 | 48.8 | 114 |
| 37.2 | 116.7 | 13763.2 | 150.0 | -50.6 | 99.9 | 245.5 | 12.8 | 11.7 | 6.1 | 417.3 | 999.9 | 99.9 | 99.9 | 50.4 | 111 |
| 41.0 | 122.7 | 14955.6 | 125.0 | -57.2 | 99.9 | 240.6 | 12.3 | 10.7 | 1.3 | 446.8 | 999.9 | 99.9 | 99.9 | 53.3 | 108 |
| 45.5 | 129.7 | 16379.8 | 100.0 | -60.2 | 99.9 | 262.2 | 10.0 | 9.9 | 3.4 | 507.0 | 999.9 | 99.9 | 99.9 | 55.0 | 107 |
| 51.3 | 137.3 | 18190.5 | 75.0 | -58.0 | 99.9 | 195.5 | 3.6 | 0.9 | 0.9 | 633.9 | 999.9 | 99.9 | 99.9 | 54.8 | 107 |
| 58.8 | 146.3 | 20729.4 | 50.0 | -52.4 | 99.9 | 256.1 | 3.7 | 3.6 | 0.9 | | | | | | |
| 71.0 | 156.0 | 25152.6 | 25.0 | | | | | | | | | | | | |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

STATION NO. 365
ALBUQUERQUE, NEW MEXICO

25 APRIL 1982
215 GMT

** BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 ** BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
 ** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

STATION NO. 365
ALBUQUERQUE, NEW MEXICO
25 APRIL 1982
515 GMT

| TIME MIN | ONTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO CM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 23.8 | 1619.0 | 833.4 | 8.9 | -0.4 | 330.0 | 4.1 | 2.1 | -3.6 | 297.2 | 309.6 | 4.5 | 52.0 | 0 | 0 |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 900.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 875.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 850.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.3 | 24.6 | 1703.6 | 825.0 | 11.5+ | -1.7 | 999.9 | 99.9 | 99.9 | 99.9 | 300.8 | 312.5 | 4.1 | 40.3 | 999.9 | 999.9 |
| 1.1 | 27.2 | 1961.3 | 800.0 | 12.3 | -7.9 | 999.9 | 99.9 | 99.9 | 99.9 | 304.3 | 312.1 | 2.6 | 23.5 | 999.9 | 999.9 |
| 1.8 | 29.9 | 2226.3 | 775.0 | 10.3 | -8.4 | 999.9 | 99.9 | 99.9 | 99.9 | 304.9 | 312.7 | 2.5 | 25.9 | 999.9 | 999.9 |
| 2.6 | 32.2 | 2497.9 | 750.0 | 8.1 | -9.6 | 316.1 | 17.4 | 12.0 | -12.5 | 305.4 | 312.7 | 2.3 | 27.3 | 999.9 | 999.9 |
| 3.4 | 35.2 | 2776.4 | 725.0 | 5.8 | -11.1 | 315.0 | 18.4 | 13.7 | -13.7 | 305.9 | 312.7 | 2.2 | 28.3 | 999.9 | 999.9 |
| 4.3 | 38.0 | 3062.0 | 700.0 | 3.2 | -11.6 | 314.7 | 18.8 | 13.4 | -13.2 | 306.1 | 312.8 | 2.2 | 28.7 | 999.9 | 999.9 |
| 5.1 | 40.7 | 3355.5 | 675.0 | 0.4 | -12.8 | 317.1 | 17.9 | 12.2 | -13.1 | 306.1 | 312.5 | 2.1 | 32.7 | 999.9 | 999.9 |
| 6.0 | 43.5 | 3656.7 | 650.0 | -2.6 | -13.3 | 319.9 | 18.8 | 12.1 | -14.4 | 306.1 | 312.5 | 2.1 | 36.5 | 999.9 | 999.9 |
| 6.9 | 46.3 | 3966.1 | 625.0 | -5.4 | -13.4 | 320.0 | 18.1 | 11.7 | -13.9 | 306.3 | 312.5 | 2.2 | 43.4 | 999.9 | 999.9 |
| 8.0 | 49.2 | 4284.7 | 600.0 | -8.6 | -14.5 | 321.1 | 18.6 | 11.7 | -14.5 | 306.2 | 312.5 | 2.2 | 53.2 | 999.9 | 999.9 |
| 8.9 | 52.1 | 4612.7 | 575.0 | -12.1 | -15.8 | 322.5 | 17.3 | 10.5 | -13.7 | 305.9 | 311.3 | 1.8 | 62.2 | 999.9 | 999.9 |
| 9.8 | 55.1 | 4951.4 | 550.0 | -14.8 | -19.1 | 321.3 | 15.2 | 9.5 | -11.8 | 305.9 | 311.3 | 1.5 | 67.9 | 999.9 | 999.9 |
| 10.9 | 58.1 | 5301.9 | 525.0 | -17.2 | -25.2 | 320.9 | 13.9 | 8.7 | -10.7 | 307.7 | 310.7 | 0.9 | 69.4 | 999.9 | 999.9 |
| 12.0 | 61.3 | 5666.5 | 500.0 | -19.6 | -30.3 | 328.9 | 13.5 | 7.0 | -10.7 | 309.2 | 310.7 | 0.6 | 49.7 | 999.9 | 999.9 |
| 13.3 | 64.5 | 6045.3 | 475.0 | -22.5 | -32.5 | 335.7 | 12.6 | 5.2 | -11.5 | 310.1 | 311.9 | 0.5 | 37.8 | 999.9 | 999.9 |
| 14.7 | 67.7 | 6440.3 | 450.0 | -25.3 | -35.6 | 340.8 | 11.4 | 3.8 | -10.8 | 311.5 | 312.8 | 0.4 | 39.4 | 999.9 | 999.9 |
| 16.2 | 71.0 | 6852.4 | 425.0 | -28.9 | -38.7 | 346.9 | 10.0 | 2.3 | -9.7 | 311.9 | 313.0 | 0.3 | 37.3 | 999.9 | 999.9 |
| 17.9 | 74.4 | 7283.2 | 400.0 | -32.7 | -42.2 | 343.8 | 10.0 | 2.8 | -9.6 | 312.5 | 313.3 | 0.2 | 38.0 | 999.9 | 999.9 |
| 19.6 | 78.0 | 7733.9 | 375.0 | -36.4 | -45.8 | 329.5 | 13.7 | 7.0 | -11.8 | 313.4 | 314.0 | 0.2 | 37.6 | 999.9 | 999.9 |
| 21.4 | 81.4 | 8209.4 | 350.0 | -39.5 | -49.9 | 319.2 | 14.8 | 9.7 | -11.2 | 315.6 | 315.6 | 99.9 | 36.9 | 999.9 | 999.9 |
| 23.2 | 85.2 | 8713.1 | 325.0 | -42.8 | -53.9 | 311.7 | 16.4 | 12.3 | -10.9 | 317.7 | 317.7 | 99.9 | 36.9 | 999.9 | 999.9 |
| 24.9 | 89.0 | 9249.0 | 300.0 | -46.3 | -57.9 | 304.7 | 17.0 | 14.0 | -10.7 | 320.2 | 320.2 | 99.9 | 36.9 | 999.9 | 999.9 |
| 27.4 | 93.2 | 9822.2 | 275.0 | -49.9 | -61.9 | 309.9 | 18.7 | 14.3 | -12.0 | 322.9 | 322.9 | 99.9 | 36.9 | 999.9 | 999.9 |
| 30.3 | 97.5 | 10441.5 | 250.0 | -52.9 | -65.9 | 305.3 | 16.2 | 13.3 | -9.4 | 327.4 | 327.4 | 99.9 | 36.9 | 999.9 | 999.9 |
| 32.7 | 102.0 | 11113.3 | 225.0 | -57.7 | -69.9 | 300.6 | 14.4 | 12.4 | -7.3 | 330.1 | 330.1 | 99.9 | 36.9 | 999.9 | 999.9 |
| 35.3 | 106.8 | 11850.6 | 200.0 | -58.7 | -73.9 | 288.1 | 18.0 | 17.1 | -5.6 | 339.9 | 339.9 | 99.9 | 36.9 | 999.9 | 999.9 |
| 38.9 | 112.0 | 12699.1 | 175.0 | -53.9 | -69.9 | 290.8 | 21.2 | 19.9 | -7.5 | 351.0 | 351.0 | 99.9 | 36.9 | 999.9 | 999.9 |
| 42.6 | 117.5 | 13690.9 | 150.0 | -53.6 | -69.9 | 279.5 | 16.1 | 15.8 | -2.7 | 377.7 | 377.7 | 99.9 | 36.9 | 999.9 | 999.9 |
| 46.3 | 123.7 | 14857.4 | 125.0 | -54.9 | -69.9 | 265.4 | 15.3 | 15.2 | 1.2 | 395.6 | 395.6 | 99.9 | 36.9 | 999.9 | 999.9 |
| 51.1 | 130.7 | 16256.5 | 100.0 | -60.1 | -69.9 | 272.3 | 16.2 | 16.2 | -0.6 | 411.7 | 411.7 | 99.9 | 36.9 | 999.9 | 999.9 |
| 56.7 | 138.7 | 18053.6 | 75.0 | -58.9 | -69.9 | 306.6 | 9.4 | 7.6 | -5.6 | 449.5 | 449.5 | 99.9 | 36.9 | 999.9 | 999.9 |
| 64.2 | 147.7 | 20579.1 | 50.0 | -50.2 | -69.9 | 252.2 | 4.0 | 3.8 | 1.2 | 501.7 | 501.7 | 99.9 | 36.9 | 999.9 | 999.9 |
| 76.9 | 158.0 | 24965.7 | 25.0 | -54.8 | -69.9 | 135.2 | 5.6 | -3.9 | 4.0 | 627.0 | 627.0 | 99.9 | 36.9 | 999.9 | 999.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
+ BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

ORIGINAL PAGE
OF POOR QUALITY

STATION NO. 374
WINSLOW, ARIZONA
24 APRIL 1982
1415 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DZ |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 23.8 | 1487.0 | 851.3 | 5.6 | -0.4 | 120.0 | 1.6 | -1.4 | 0.8 | 291.9 | 303.9 | 4.4 | 65.0 | 0.0 | 0.0 |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 900.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 875.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.1 | 23.9 | 1499.5 | 850.0 | 5.8 | -2.0 | 99.9 | 99.9 | 99.9 | 99.9 | 292.2 | 302.9 | 3.9 | 57.7 | 99.9 | 99.9 |
| 0.9 | 26.8 | 1745.7 | 825.0 | 9.0 | -2.2 | 99.9 | 99.9 | 99.9 | 99.9 | 298.0 | 309.3 | 4.0 | 45.2 | 99.9 | 99.9 |
| 1.8 | 29.7 | 2000.4 | 800.0 | 8.2 | -3.7 | 99.9 | 99.9 | 99.9 | 99.9 | 299.9 | 310.2 | 3.6 | 42.7 | 99.9 | 99.9 |
| 2.8 | 32.5 | 2262.2 | 775.0 | 7.5 | -5.4 | 289.1 | 16.4 | 15.5 | -5.4 | 301.8 | 311.4 | 3.3 | 39.4 | 1.6 | 100.0 |
| 3.6 | 35.4 | 2531.3 | 750.0 | 5.4 | -6.6 | 284.1 | 13.5 | 12.3 | -5.5 | 302.4 | 311.5 | 3.1 | 41.5 | 2.4 | 104.0 |
| 4.6 | 38.3 | 2807.2 | 725.0 | 3.0 | -8.3 | 301.4 | 10.5 | 9.0 | -5.5 | 302.8 | 311.1 | 2.8 | 42.9 | 3.0 | 107.0 |
| 5.5 | 41.3 | 3090.4 | 700.0 | 1.0 | -10.6 | 311.8 | 11.7 | 8.7 | -8.9 | 303.6 | 310.8 | 2.4 | 41.5 | 3.6 | 110.0 |
| 6.8 | 44.3 | 3381.3 | 675.0 | -1.1 | -11.6 | 315.9 | 12.3 | 8.6 | -8.9 | 304.4 | 311.3 | 2.3 | 44.8 | 4.5 | 115.0 |
| 8.0 | 47.4 | 3681.3 | 650.0 | -3.9 | -11.3 | 317.8 | 11.9 | 7.4 | -9.3 | 304.5 | 311.9 | 2.5 | 58.5 | 5.2 | 119.0 |
| 9.3 | 50.4 | 3989.4 | 625.0 | -6.8 | -12.0 | 321.4 | 11.9 | 5.7 | -10.7 | 304.7 | 312.0 | 2.4 | 67.4 | 6.1 | 121.0 |
| 11.0 | 53.6 | 4308.5 | 600.0 | -9.8 | -14.7 | 331.9 | 12.1 | 4.1 | -10.7 | 304.8 | 311.0 | 2.0 | 87.4 | 7.2 | 126.0 |
| 12.3 | 56.9 | 4633.2 | 575.0 | -12.7 | -18.9 | 341.2 | 12.6 | 4.1 | -11.2 | 305.1 | 309.7 | 1.5 | 90.7 | 8.1 | 129.0 |
| 13.6 | 60.0 | 4970.6 | 550.0 | -15.5 | -22.8 | 354.3 | 11.8 | 5.1 | -10.5 | 305.7 | 309.3 | 1.1 | 94.2 | 8.9 | 133.0 |
| 15.0 | 63.4 | 5320.7 | 525.0 | -17.1 | -30.6 | 369.1 | 13.2 | 10.3 | -7.4 | 307.9 | 309.7 | 0.6 | 98.6 | 9.8 | 137.0 |
| 16.8 | 66.7 | 5685.4 | 500.0 | -19.0 | -33.9 | 380.1 | 14.7 | 12.7 | -6.9 | 309.9 | 311.3 | 0.4 | 102.5 | 11.2 | 142.0 |
| 19.0 | 70.1 | 6085.5 | 475.0 | -21.3 | -36.2 | 394.4 | 15.3 | 12.8 | -9.7 | 311.0 | 312.8 | 0.4 | 106.5 | 13.2 | 147.0 |
| 20.9 | 73.7 | 6482.1 | 450.0 | -24.3 | -39.0 | 399.6 | 15.3 | 11.8 | -10.7 | 311.6 | 313.6 | 0.3 | 110.5 | 15.0 | 150.0 |
| 23.1 | 77.3 | 6875.8 | 425.0 | -27.6 | -41.5 | 314.7 | 15.2 | 10.8 | -12.3 | 313.8 | 314.4 | 0.2 | 114.5 | 17.0 | 153.0 |
| 25.5 | 81.0 | 7308.7 | 400.0 | -30.8 | -44.2 | 314.0 | 17.7 | 12.7 | -12.3 | 314.4 | 315.6 | 0.2 | 118.5 | 19.4 | 156.0 |
| 28.0 | 84.8 | 7764.2 | 375.0 | -33.7 | -46.7 | 308.1 | 20.4 | 15.1 | -12.6 | 314.4 | 317.5 | 0.1 | 122.5 | 22.1 | 161.0 |
| 30.7 | 88.8 | 8243.6 | 350.0 | -37.8 | -50.2 | 308.6 | 21.4 | 16.7 | -13.3 | 314.4 | 318.2 | 0.1 | 126.5 | 25.4 | 166.0 |
| 33.7 | 92.8 | 8751.4 | 325.0 | -40.7 | -53.9 | 305.0 | 22.0 | 18.0 | -13.3 | 314.4 | 319.9 | 0.1 | 130.5 | 29.4 | 171.0 |
| 36.5 | 96.9 | 9293.6 | 300.0 | -44.4 | -57.9 | 297.8 | 22.2 | 19.7 | -10.2 | 314.4 | 321.6 | 0.1 | 134.5 | 33.1 | 176.0 |
| 39.6 | 101.2 | 9869.1 | 275.0 | -49.3 | -61.9 | 294.9 | 22.5 | 20.4 | -9.5 | 314.4 | 323.4 | 0.1 | 138.5 | 37.1 | 181.0 |
| 42.7 | 105.8 | 10490.3 | 250.0 | -52.3 | -65.9 | 295.4 | 22.2 | 24.3 | -12.1 | 314.4 | 325.2 | 0.1 | 142.5 | 41.5 | 186.0 |
| 45.9 | 110.6 | 11166.4 | 225.0 | -55.7 | -69.9 | 295.8 | 25.6 | 23.1 | -11.2 | 314.4 | 327.0 | 0.1 | 146.5 | 46.7 | 191.0 |
| 49.7 | 115.8 | 11917.1 | 200.0 | -54.8 | -73.9 | 295.7 | 26.2 | 23.6 | -11.4 | 314.4 | 328.8 | 0.1 | 150.5 | 52.3 | 196.0 |
| 53.9 | 121.2 | 12774.1 | 175.0 | -54.0 | -77.9 | 295.4 | 20.0 | 18.9 | -6.7 | 314.4 | 330.6 | 0.1 | 154.5 | 58.2 | 201.0 |
| 58.9 | 127.2 | 13762.8 | 150.0 | -53.6 | -81.9 | 284.0 | 18.7 | 18.6 | -1.9 | 314.4 | 332.4 | 0.1 | 158.5 | 64.7 | 206.0 |
| 64.4 | 133.7 | 14930.5 | 125.0 | -53.6 | -85.9 | 270.8 | 18.1 | 18.1 | -0.2 | 314.4 | 334.2 | 0.1 | 162.5 | 71.2 | 211.0 |
| 71.2 | 140.7 | 16347.8 | 100.0 | -57.0 | -89.9 | 264.7 | 13.7 | 13.6 | 1.3 | 314.4 | 336.0 | 0.1 | 166.5 | 78.3 | 216.0 |
| 79.6 | 148.7 | 18160.6 | 75.0 | -59.1 | -93.9 | 254.6 | 7.8 | 7.5 | 2.1 | 314.4 | 337.7 | 0.1 | 170.5 | 85.4 | 221.0 |
| 91.3 | 157.5 | 20704.0 | 50.0 | -57.4 | -97.9 | 301.8 | 5.7 | 4.8 | -3.0 | 314.4 | 339.5 | 0.1 | 174.5 | 92.5 | 226.0 |
| 109.6 | 166.7 | 25159.3 | 25.0 | -51.2 | -101.9 | 99.9 | 99.9 | 99.9 | 99.9 | 314.4 | 341.3 | 0.1 | 178.5 | 99.9 | 231.0 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 ** BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 *** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
 **** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE 18
OF POOR QUALITY

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RIO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 21.6 | 1487.0 | 850.7 | 18.3 | 0.4 | 330.0 | 4.1 | 2.1 | -3.5 | 305.3 | 318.6 | 4.7 | 30.0 | 0.0 | 0 |
| 99.9 | 99.9 | 99.9 | 900.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 900.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 875.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 850.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.0 | 21.7 | 1499.0 | 850.0 | 17.9 | 0.4 | 330.3 | 4.4 | 2.2 | -3.8 | 304.9 | 317.6 | 4.4 | 28.9 | 0.0 | 29 |
| 0.9 | 24.3 | 1747.0 | 825.0 | 14.2 | -3.8 | 324.9 | 6.5 | 3.7 | -5.3 | 303.6 | 312.7 | 3.5 | 28.4 | 0.0 | 152 |
| 1.8 | 26.8 | 2069.8 | 800.0 | 11.6 | -7.6 | 293.2 | 8.9 | 7.6 | -4.6 | 302.6 | 312.4 | 2.8 | 28.8 | 0.0 | 140 |
| 3.0 | 29.4 | 2269.8 | 775.0 | 9.6 | -7.6 | 293.2 | 10.3 | 9.5 | -4.0 | 304.2 | 312.3 | 2.6 | 28.2 | 0.0 | 126 |
| 4.0 | 32.0 | 2540.6 | 750.0 | 7.4 | -8.9 | 296.2 | 11.8 | 10.5 | -5.2 | 304.6 | 312.3 | 2.6 | 28.2 | 0.0 | 122 |
| 5.2 | 34.7 | 2818.2 | 725.0 | 4.7 | -13.1 | 306.3 | 12.7 | 10.2 | -7.5 | 304.6 | 310.5 | 1.6 | 26.2 | 2.8 | 124 |
| 6.3 | 37.3 | 3103.1 | 700.0 | 2.5 | -15.6 | 313.2 | 12.7 | 9.2 | -9.7 | 305.6 | 310.4 | 1.5 | 24.8 | 3.7 | 126 |
| 7.6 | 40.1 | 3395.6 | 675.0 | 0.0 | -16.7 | 315.8 | 11.0 | 7.7 | -7.9 | 305.6 | 310.7 | 1.6 | 23.0 | 4.6 | 128 |
| 9.2 | 42.9 | 3696.3 | 650.0 | -2.8 | -16.8 | 314.5 | 9.6 | 7.0 | -6.9 | 305.8 | 310.5 | 1.6 | 20.6 | 5.6 | 128 |
| 10.9 | 45.7 | 4005.3 | 625.0 | -5.9 | -17.2 | 311.3 | 9.6 | 7.2 | -6.2 | 305.7 | 310.5 | 1.4 | 18.1 | 6.6 | 129 |
| 12.8 | 48.5 | 4323.2 | 600.0 | -9.2 | -17.9 | 317.6 | 10.2 | 6.8 | -7.6 | 305.5 | 309.4 | 1.2 | 15.6 | 7.7 | 131 |
| 14.4 | 51.3 | 4650.7 | 575.0 | -12.2 | -18.9 | 323.9 | 11.5 | 6.8 | -8.3 | 305.8 | 309.4 | 1.2 | 13.1 | 8.7 | 131 |
| 16.2 | 54.3 | 4988.5 | 550.0 | -15.6 | -21.7 | 323.3 | 11.5 | 6.4 | -8.6 | 305.6 | 308.9 | 1.0 | 10.6 | 9.9 | 132 |
| 18.0 | 57.3 | 5338.1 | 525.0 | -17.0 | -23.5 | 323.3 | 10.8 | 6.4 | -8.6 | 305.6 | 308.9 | 0.3 | 8.1 | 10.0 | 133 |
| 19.9 | 60.3 | 5702.5 | 500.0 | -19.7 | -25.3 | 321.3 | 11.4 | 7.4 | -10.6 | 307.9 | 308.9 | 0.2 | 5.6 | 11.0 | 134 |
| 22.4 | 63.4 | 6081.6 | 475.0 | -22.1 | -27.3 | 319.5 | 13.6 | 8.5 | -11.8 | 310.7 | 311.4 | 0.2 | 3.1 | 12.1 | 135 |
| 25.4 | 66.6 | 6477.3 | 450.0 | -24.6 | -29.2 | 318.6 | 15.2 | 10.1 | -11.6 | 312.4 | 313.0 | 0.2 | 0.6 | 13.1 | 136 |
| 28.0 | 69.9 | 6891.0 | 425.0 | -27.3 | -31.8 | 318.6 | 15.8 | 10.4 | -11.3 | 315.1 | 315.5 | 0.1 | 1.4 | 14.3 | 136 |
| 30.7 | 73.1 | 7324.6 | 400.0 | -30.7 | -34.3 | 309.1 | 18.5 | 14.4 | -11.7 | 315.3 | 315.6 | 0.1 | 1.4 | 15.2 | 136 |
| 33.7 | 76.6 | 7779.4 | 375.0 | -34.3 | -37.4 | 305.6 | 19.1 | 15.5 | -11.1 | 318.3 | 318.5 | 0.1 | 1.5 | 16.2 | 135 |
| 36.4 | 80.1 | 8258.8 | 350.0 | -37.4 | -40.2 | 305.6 | 19.1 | 15.5 | -10.7 | 318.3 | 318.5 | 0.1 | 1.5 | 17.2 | 134 |
| 39.2 | 83.9 | 8735.8 | 325.0 | -41.5 | -43.9 | 300.6 | 18.3 | 14.9 | -10.7 | 318.3 | 318.5 | 0.1 | 1.5 | 18.2 | 133 |
| 42.4 | 87.7 | 9304.4 | 300.0 | -45.3 | -47.3 | 298.4 | 22.5 | 19.3 | -11.5 | 321.6 | 319.5 | 0.1 | 1.5 | 19.2 | 133 |
| 45.8 | 91.7 | 9881.0 | 275.0 | -48.9 | -50.9 | 295.8 | 24.7 | 21.7 | -11.8 | 324.4 | 319.5 | 0.1 | 1.5 | 20.2 | 133 |
| 49.2 | 95.8 | 10502.0 | 250.0 | -51.9 | -53.9 | 295.8 | 23.0 | 20.7 | -10.9 | 332.3 | 319.5 | 0.1 | 1.5 | 21.2 | 130 |
| 53.1 | 100.2 | 11177.5 | 225.0 | -55.3 | -56.3 | 293.3 | 21.7 | 19.3 | -10.9 | 332.3 | 319.5 | 0.1 | 1.5 | 22.2 | 127 |
| 57.2 | 104.8 | 11924.3 | 200.0 | -55.1 | -54.1 | 284.1 | 18.9 | 18.3 | -4.6 | 350.6 | 319.5 | 0.1 | 1.5 | 23.2 | 125 |
| 61.6 | 109.5 | 12780.5 | 175.0 | -54.2 | -53.9 | 262.8 | 18.5 | 18.2 | -2.3 | 376.7 | 319.5 | 0.1 | 1.5 | 24.2 | 123 |
| 67.1 | 115.2 | 13768.1 | 150.0 | -54.2 | -53.9 | 262.8 | 16.3 | 16.2 | -0.9 | 394.6 | 319.5 | 0.1 | 1.5 | 25.2 | 120 |
| 72.7 | 121.2 | 14933.6 | 125.0 | -55.5 | -53.9 | 262.8 | 14.0 | 14.0 | -1.6 | 421.1 | 319.5 | 0.1 | 1.5 | 26.2 | 117 |
| 80.1 | 128.0 | 16355.8 | 100.0 | -55.2 | -53.9 | 262.8 | 6.3 | 5.5 | -3.0 | 451.0 | 319.5 | 0.1 | 1.5 | 27.2 | 116 |
| 88.7 | 135.7 | 18174.6 | 75.0 | -58.2 | -53.9 | 241.4 | 3.9 | -0.5 | -3.9 | 510.8 | 319.5 | 0.1 | 1.5 | 28.2 | 115 |
| 100.6 | 145.0 | 20714.1 | 50.0 | -56.3 | -53.9 | 241.4 | 3.9 | -0.5 | -3.9 | 510.8 | 319.5 | 0.1 | 1.5 | 29.2 | 115 |
| 120.1 | 156.3 | 25177.2 | 25.0 | -50.4 | -53.9 | 999.9 | 99.9 | 99.9 | 99.9 | 640.1 | 319.5 | 0.1 | 1.5 | 999.9 | 999.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 5 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 374
WINSLOW, ARIZONA
24 APRIL 1982
2015 GMT

| TIME MIN | ONTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE KM | 145 13.0 | 0 |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|-------------|------|
| 0.0 | 22.5 | 1487.0 | 849.3 | 20.6 | -4.5 | 290.0 | 5.2 | 4.9 | -1.8 | 307.8 | 317.4 | 3.2 | 18.0 | 0.0 | 0.0 | 0.0 |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 900.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 875.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 850.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 1.1 | 25.0 | 1735.6 | 825.0 | 17.3 | -9.1 | 323.7 | 7.8 | 4.6 | -6.3 | 306.9 | 313.6 | 2.3 | 15.2 | 0.5 | 128 | 128 |
| 2.1 | 27.7 | 1996.8 | 800.0 | 15.0 | -10.5 | 319.5 | 10.0 | 6.5 | -7.6 | 307.1 | 313.6 | 2.1 | 16.1 | 1.0 | 136 | 136 |
| 3.3 | 30.3 | 2263.8 | 775.0 | 12.3 | -11.3 | 318.9 | 11.4 | 7.4 | -8.7 | 307.0 | 313.6 | 2.1 | 18.1 | 1.9 | 137 | 137 |
| 4.6 | 32.9 | 2536.9 | 750.0 | 9.7 | -12.2 | 318.8 | 10.7 | 7.1 | -8.0 | 307.2 | 313.6 | 2.0 | 19.8 | 2.7 | 138 | 138 |
| 6.1 | 35.7 | 2816.6 | 725.0 | 6.6 | -12.7 | 318.0 | 10.3 | 6.9 | -7.2 | 306.7 | 313.6 | 2.0 | 23.8 | 3.6 | 138 | 138 |
| 7.3 | 38.2 | 3103.1 | 700.0 | 3.8 | -13.0 | 312.9 | 10.3 | 7.6 | -7.0 | 306.8 | 313.6 | 2.0 | 27.9 | 4.4 | 137 | 137 |
| 8.5 | 41.0 | 3397.1 | 675.0 | 1.0 | -12.9 | 314.8 | 10.0 | 7.1 | -7.1 | 306.8 | 313.6 | 2.1 | 34.3 | 5.1 | 136 | 136 |
| 9.5 | 43.8 | 3899.2 | 650.0 | -1.7 | -13.4 | 321.6 | 10.0 | 6.2 | -7.8 | 307.0 | 313.6 | 2.1 | 40.5 | 5.7 | 137 | 137 |
| 11.0 | 46.7 | 4009.5 | 625.0 | -5.1 | -13.8 | 325.0 | 9.4 | 5.4 | -7.7 | 307.2 | 313.6 | 2.1 | 50.4 | 6.5 | 138 | 138 |
| 12.6 | 49.6 | 4328.8 | 600.0 | -7.7 | -15.0 | 317.2 | 9.6 | 6.5 | -7.0 | 307.2 | 313.6 | 2.0 | 55.8 | 7.4 | 138 | 138 |
| 13.8 | 52.5 | 4658.4 | 575.0 | -10.5 | -15.5 | 316.2 | 10.6 | 7.3 | -7.6 | 307.8 | 313.6 | 2.0 | 65.4 | 8.1 | 138 | 138 |
| 14.6 | 55.5 | 4998.8 | 550.0 | -13.4 | -17.4 | 312.8 | 9.1 | 5.7 | -5.3 | 308.2 | 313.6 | 1.8 | 71.5 | 8.5 | 138 | 138 |
| 15.7 | 58.5 | 5351.0 | 525.0 | -16.3 | -18.9 | 308.7 | 7.8 | 7.3 | -5.4 | 308.9 | 313.6 | 1.6 | 80.4 | 9.1 | 137 | 137 |
| 16.9 | 61.6 | 5716.1 | 500.0 | -19.6 | -20.9 | 308.7 | 9.1 | 9.2 | -5.4 | 309.2 | 313.6 | 1.4 | 89.2 | 9.8 | 136 | 136 |
| 18.9 | 64.9 | 6095.1 | 475.0 | -23.1 | -29.0 | 315.6 | 11.7 | 9.7 | -7.3 | 309.4 | 313.6 | 0.7 | 99.1 | 10.8 | 136 | 136 |
| 19.9 | 68.0 | 6488.8 | 450.0 | -23.4 | -38.3 | 317.2 | 13.8 | 10.1 | -9.9 | 313.8 | 316.9 | 0.3 | 109.1 | 12.3 | 136 | 136 |
| 21.6 | 71.3 | 6909.6 | 425.0 | -28.0 | -39.2 | 318.0 | 14.5 | 10.1 | -10.4 | 315.7 | 316.9 | 0.3 | 119.1 | 13.8 | 136 | 136 |
| 23.5 | 74.7 | 7342.0 | 400.0 | -30.0 | -42.3 | 311.0 | 17.2 | 13.0 | -11.3 | 318.1 | 316.9 | 0.2 | 129.1 | 15.5 | 136 | 136 |
| 25.5 | 78.3 | 7797.9 | 375.0 | -34.1 | -45.5 | 310.4 | 18.3 | 13.9 | -11.8 | 316.5 | 317.1 | 0.2 | 139.1 | 17.7 | 135 | 135 |
| 27.8 | 81.9 | 8277.9 | 350.0 | -38.9 | -48.6 | 307.1 | 18.4 | 14.7 | -11.1 | 319.0 | 319.5 | 0.1 | 149.1 | 20.2 | 135 | 135 |
| 29.7 | 85.6 | 8786.9 | 325.0 | -40.5 | -49.9 | 300.2 | 21.1 | 18.3 | -10.6 | 320.9 | 319.5 | 0.1 | 159.1 | 22.4 | 133 | 133 |
| 31.6 | 89.5 | 9326.9 | 300.0 | -45.2 | -55.9 | 303.6 | 22.9 | 19.0 | -12.7 | 321.6 | 319.5 | 0.1 | 169.1 | 24.8 | 132 | 132 |
| 33.8 | 93.5 | 9903.2 | 275.0 | -48.6 | -59.9 | 305.4 | 22.4 | 18.2 | -13.0 | 324.8 | 319.5 | 0.1 | 179.1 | 27.9 | 132 | 132 |
| 37.0 | 97.8 | 10524.7 | 250.0 | -52.1 | -65.9 | 300.6 | 22.5 | 19.3 | -11.4 | 328.6 | 319.5 | 0.1 | 189.1 | 32.0 | 130 | 130 |
| 39.5 | 102.3 | 11201.7 | 225.0 | -55.3 | -69.9 | 297.5 | 24.6 | 21.8 | -11.3 | 333.8 | 319.5 | 0.1 | 199.1 | 35.4 | 129 | 129 |
| 42.5 | 107.2 | 11947.4 | 200.0 | -57.1 | -71.9 | 294.4 | 24.4 | 22.3 | -10.1 | 342.4 | 319.5 | 0.1 | 209.1 | 39.7 | 128 | 128 |
| 46.1 | 112.4 | 12794.5 | 175.0 | -55.5 | -75.9 | 281.4 | 19.7 | 19.3 | -3.9 | 358.1 | 319.5 | 0.1 | 219.1 | 44.4 | 126 | 126 |
| 50.3 | 118.0 | 13779.1 | 150.0 | -55.3 | -79.9 | 269.8 | 20.0 | 20.0 | -0.1 | 374.9 | 319.5 | 0.1 | 229.1 | 48.5 | 123 | 123 |
| 55.1 | 124.3 | 14949.0 | 125.0 | -54.9 | -83.9 | 271.6 | 17.5 | 17.5 | -0.5 | 395.6 | 319.5 | 0.1 | 239.1 | 53.4 | 120 | 120 |
| 61.0 | 131.7 | 16371.3 | 100.0 | -55.3 | -87.9 | 274.0 | 13.6 | 13.6 | -0.9 | 420.9 | 319.5 | 0.1 | 249.1 | 58.4 | 117 | 117 |
| 68.2 | 140.7 | 18180.7 | 75.0 | -58.1 | -91.9 | 251.9 | 8.4 | 8.0 | -2.6 | 451.2 | 319.5 | 0.1 | 259.1 | 62.2 | 115 | 115 |
| 78.4 | 150.0 | 20722.3 | 50.0 | -57.7 | -95.9 | 208.9 | 4.3 | 2.1 | -3.8 | 507.4 | 319.5 | 0.1 | 269.1 | 63.7 | 113 | 113 |
| 94.0 | 160.7 | 25182.7 | 25.0 | -51.3 | -99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 637.6 | 319.5 | 0.1 | 279.1 | 62.2 | 113 | 113 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 ** BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 *** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
 **** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

STATION NO. 374
WINSLOW, ARIZONA

25 APRIL 1982
315 GMT

142 13. 0

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 22.3 | 1487.0 | 848.3 | 16.1 | -1.9 | 250.0 | 5.7 | 5.4 | 1.9 | 303.2 | 314.5 | 3.9 | 29.0 | 0.0 | 0 |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 900.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 875.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 850.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.9 | 24.7 | 1723.5 | 825.0 | 15.4 | -4.1 | 999.9 | 99.9 | 99.9 | 99.9 | 304.9 | 314.9 | 3.4 | 25.7 | 999.9 | 999.9 |
| 1.8 | 27.3 | 1983.0 | 800.0 | 13.0 | -5.7 | 999.9 | 99.9 | 99.9 | 99.9 | 305.0 | 314.2 | 3.1 | 26.8 | 999.9 | 999.9 |
| 2.7 | 29.9 | 2248.4 | 775.0 | 10.6 | -7.6 | 999.9 | 99.9 | 99.9 | 99.9 | 305.2 | 313.9 | 2.9 | 28.4 | 999.9 | 999.9 |
| 3.7 | 32.6 | 2520.3 | 750.0 | 8.2 | -9.7 | 282.9 | 11.6 | 11.3 | -2.6 | 305.5 | 314.0 | 2.8 | 31.7 | 999.9 | 999.9 |
| 4.6 | 35.3 | 2799.0 | 725.0 | 5.6 | -8.2 | 283.7 | 11.2 | 10.9 | -3.7 | 305.6 | 313.6 | 2.6 | 36.1 | 999.9 | 999.9 |
| 5.5 | 38.0 | 3084.5 | 700.0 | 3.0 | -9.7 | 289.6 | 10.9 | 10.3 | -4.7 | 306.2 | 313.8 | 2.5 | 43.1 | 999.9 | 999.9 |
| 6.6 | 40.8 | 3377.8 | 675.0 | 0.5 | -10.6 | 297.6 | 10.1 | 9.0 | -5.3 | 306.4 | 313.5 | 2.4 | 49.9 | 999.9 | 999.9 |
| 7.7 | 43.6 | 3679.2 | 650.0 | -2.3 | -11.3 | 312.3 | 8.7 | 8.5 | -5.8 | 306.5 | 313.6 | 2.3 | 58.8 | 999.9 | 999.9 |
| 8.6 | 46.4 | 3989.1 | 625.0 | -5.3 | -12.1 | 319.4 | 8.9 | 8.4 | -6.7 | 306.5 | 313.5 | 2.0 | 67.2 | 999.9 | 999.9 |
| 9.7 | 49.3 | 4308.1 | 600.0 | -8.3 | -13.0 | 322.3 | 9.0 | 8.5 | -7.1 | 307.5 | 313.4 | 1.9 | 77.2 | 999.9 | 999.9 |
| 10.8 | 52.3 | 4637.1 | 575.0 | -10.7 | -13.7 | 328.4 | 9.4 | 8.3 | -7.1 | 308.0 | 314.5 | 1.8 | 86.4 | 999.9 | 999.9 |
| 12.0 | 55.3 | 4977.2 | 550.0 | -13.6 | -14.7 | 334.4 | 9.3 | 8.9 | -6.2 | 310.1 | 314.7 | 1.5 | 96.1 | 999.9 | 999.9 |
| 13.2 | 58.3 | 5329.5 | 525.0 | -16.2 | -17.8 | 340.8 | 9.3 | 9.4 | -5.8 | 313.1 | 315.6 | 0.5 | 105.1 | 999.9 | 999.9 |
| 14.4 | 61.4 | 5695.2 | 500.0 | -18.8 | -20.5 | 349.4 | 7.5 | 10.3 | -6.7 | 314.1 | 316.4 | 0.4 | 114.1 | 999.9 | 999.9 |
| 15.8 | 64.6 | 6076.2 | 475.0 | -20.1 | -23.2 | 350.6 | 6.8 | 11.2 | -7.1 | 315.2 | 317.6 | 0.2 | 123.1 | 999.9 | 999.9 |
| 17.2 | 67.9 | 6474.7 | 450.0 | -23.2 | -26.4 | 354.9 | 7.3 | 11.9 | -8.1 | 315.7 | 318.2 | 0.2 | 132.1 | 999.9 | 999.9 |
| 18.7 | 71.1 | 6890.5 | 425.0 | -26.4 | -29.7 | 363.1 | 9.0 | 12.6 | -8.8 | 316.9 | 319.9 | 0.1 | 141.1 | 999.9 | 999.9 |
| 20.1 | 74.6 | 7325.3 | 400.0 | -30.2 | -33.8 | 373.1 | 11.1 | 13.4 | -9.5 | 317.7 | 321.8 | 0.1 | 150.1 | 999.9 | 999.9 |
| 21.6 | 78.1 | 7781.2 | 375.0 | -33.8 | -37.9 | 386.8 | 11.9 | 14.1 | -10.5 | 318.0 | 322.4 | 0.1 | 159.1 | 999.9 | 999.9 |
| 23.2 | 81.7 | 8261.1 | 350.0 | -37.9 | -41.1 | 400.8 | 12.7 | 14.8 | -11.0 | 320.1 | 323.1 | 0.1 | 168.1 | 999.9 | 999.9 |
| 24.9 | 85.5 | 8766.5 | 325.0 | -42.5 | -44.3 | 416.8 | 12.7 | 15.5 | -11.0 | 321.8 | 324.8 | 0.1 | 177.1 | 999.9 | 999.9 |
| 26.8 | 89.5 | 9302.9 | 300.0 | -48.3 | -47.8 | 433.1 | 12.7 | 16.2 | -11.0 | 322.4 | 326.5 | 0.1 | 186.1 | 999.9 | 999.9 |
| 28.8 | 93.7 | 9875.1 | 275.0 | -50.7 | -50.9 | 450.8 | 15.6 | 17.0 | -10.3 | 323.1 | 328.2 | 0.1 | 195.1 | 999.9 | 999.9 |
| 31.0 | 98.0 | 10488.1 | 250.0 | -56.3 | -56.3 | 468.1 | 15.3 | 17.8 | -9.3 | 324.8 | 330.9 | 0.1 | 204.1 | 999.9 | 999.9 |
| 33.5 | 102.6 | 11151.7 | 225.0 | -58.2 | -58.2 | 485.4 | 15.0 | 18.6 | -8.4 | 326.5 | 333.6 | 0.1 | 213.1 | 999.9 | 999.9 |
| 36.3 | 107.4 | 11895.3 | 200.0 | -57.0 | -57.0 | 502.7 | 21.0 | 20.2 | -6.5 | 328.2 | 336.3 | 0.1 | 222.1 | 999.9 | 999.9 |
| 39.4 | 112.7 | 12745.7 | 175.0 | -55.6 | -55.6 | 520.0 | 22.0 | 21.4 | -5.4 | 330.9 | 339.0 | 0.1 | 231.1 | 999.9 | 999.9 |
| 42.8 | 118.4 | 13728.9 | 150.0 | -53.1 | -53.1 | 537.7 | 22.3 | 22.3 | -4.5 | 333.6 | 341.7 | 0.1 | 240.1 | 999.9 | 999.9 |
| 47.0 | 124.7 | 14887.8 | 125.0 | -50.1 | -50.1 | 555.4 | 18.2 | 17.8 | -3.9 | 336.3 | 344.4 | 0.1 | 249.1 | 999.9 | 999.9 |
| 51.8 | 131.7 | 16302.7 | 100.0 | -57.7 | -57.7 | 573.1 | 13.8 | 13.6 | -3.1 | 339.0 | 347.1 | 0.1 | 258.1 | 999.9 | 999.9 |
| 57.9 | 139.7 | 18103.3 | 75.0 | -59.8 | -59.8 | 590.8 | 9.1 | 9.1 | -2.1 | 341.7 | 350.8 | 0.1 | 267.1 | 999.9 | 999.9 |
| 66.2 | 148.7 | 20622.7 | 50.0 | -59.8 | -59.8 | 608.5 | 3.0 | 2.8 | -1.2 | 344.4 | 354.5 | 0.1 | 276.1 | 999.9 | 999.9 |
| 80.3 | 158.3 | 25030.6 | 25.0 | -53.4 | -53.4 | 626.2 | 99.9 | 99.9 | 99.9 | 631.5 | 359.0 | 0.1 | 285.1 | 999.9 | 999.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

** BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

*** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

**** BY TEMP MEANS MISSING DATA STRUTUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 374
WINSLOW, ARIZONA
25 APRIL 1982
615 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 22.2 | 1487.0 | 849.6 | 11.7 | -5.3 | 240.0 | 5.2 | 4.5 | 2.6 | 298.5 | 307.2 | 3.0 | 30.0 | 0.0 | 0.0 |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 900.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 875.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 850.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.8 | 24.7 | 1734.6 | 825.0 | 14.6 | -8.2 | 999.9 | 99.9 | 99.9 | 99.9 | 304.0 | 311.4 | 2.5 | 19.8 | 99.9 | 99.9 |
| 1.6 | 27.3 | 1993.8 | 800.0 | 13.1 | -9.4 | 999.9 | 99.9 | 99.9 | 99.9 | 305.1 | 312.6 | 2.5 | 21.5 | 99.9 | 99.9 |
| 2.5 | 29.9 | 2259.1 | 775.0 | 10.7 | -8.8 | 999.9 | 99.9 | 99.9 | 99.9 | 305.8 | 313.5 | 2.5 | 21.5 | 99.9 | 99.9 |
| 3.4 | 32.6 | 2531.2 | 750.0 | 8.5 | -9.0 | 999.9 | 99.9 | 99.9 | 99.9 | 306.1 | 313.8 | 2.5 | 21.5 | 99.9 | 99.9 |
| 4.2 | 35.3 | 2810.1 | 725.0 | 6.1 | -9.5 | 305.8 | 99.9 | 99.9 | 99.9 | 306.1 | 313.8 | 2.5 | 21.5 | 99.9 | 99.9 |
| 5.1 | 38.0 | 3096.0 | 700.0 | 3.3 | -10.2 | 325.2 | 99.9 | 99.9 | 99.9 | 306.1 | 313.8 | 2.5 | 21.5 | 99.9 | 99.9 |
| 6.1 | 40.8 | 3389.7 | 675.0 | 0.7 | -11.5 | 328.0 | 99.9 | 99.9 | 99.9 | 306.1 | 313.8 | 2.5 | 21.5 | 99.9 | 99.9 |
| 7.0 | 43.6 | 3691.5 | 650.0 | -2.1 | -11.8 | 329.8 | 99.9 | 99.9 | 99.9 | 306.1 | 313.8 | 2.5 | 21.5 | 99.9 | 99.9 |
| 8.0 | 46.4 | 4001.6 | 625.0 | -5.1 | -12.4 | 337.3 | 99.9 | 99.9 | 99.9 | 306.1 | 313.8 | 2.5 | 21.5 | 99.9 | 99.9 |
| 8.9 | 49.3 | 4321.0 | 600.0 | -7.9 | -12.4 | 335.4 | 99.9 | 99.9 | 99.9 | 306.1 | 313.8 | 2.5 | 21.5 | 99.9 | 99.9 |
| 10.0 | 52.3 | 4650.3 | 575.0 | -10.5 | -14.4 | 336.7 | 99.9 | 99.9 | 99.9 | 307.0 | 313.4 | 2.1 | 58.4 | 99.9 | 99.9 |
| 11.1 | 55.3 | 4991.2 | 550.0 | -12.7 | -18.8 | 335.9 | 99.9 | 99.9 | 99.9 | 307.7 | 312.5 | 1.8 | 58.4 | 99.9 | 99.9 |
| 12.3 | 58.3 | 5344.0 | 525.0 | -16.0 | -19.5 | 337.3 | 99.9 | 99.9 | 99.9 | 309.1 | 314.0 | 1.6 | 58.4 | 99.9 | 99.9 |
| 13.4 | 61.4 | 5711.3 | 500.0 | -17.3 | -27.5 | 346.6 | 99.9 | 99.9 | 99.9 | 309.2 | 314.1 | 1.6 | 58.4 | 99.9 | 99.9 |
| 14.7 | 64.6 | 6093.9 | 475.0 | -20.0 | -32.9 | 346.6 | 99.9 | 99.9 | 99.9 | 311.9 | 314.5 | 0.8 | 58.4 | 99.9 | 99.9 |
| 16.2 | 67.9 | 6492.7 | 450.0 | -23.0 | -38.7 | 346.6 | 99.9 | 99.9 | 99.9 | 313.2 | 314.7 | 0.5 | 58.4 | 99.9 | 99.9 |
| 17.8 | 71.1 | 6908.5 | 425.0 | -26.5 | -42.8 | 346.6 | 99.9 | 99.9 | 99.9 | 313.2 | 314.7 | 0.5 | 58.4 | 99.9 | 99.9 |
| 19.8 | 74.7 | 7343.3 | 400.0 | -30.0 | -49.1 | 346.6 | 99.9 | 99.9 | 99.9 | 315.1 | 316.1 | 0.3 | 58.4 | 99.9 | 99.9 |
| 21.4 | 78.1 | 7799.2 | 375.0 | -33.7 | -45.5 | 346.6 | 99.9 | 99.9 | 99.9 | 315.1 | 316.1 | 0.3 | 58.4 | 99.9 | 99.9 |
| 23.2 | 81.9 | 8278.8 | 350.0 | -37.9 | -49.1 | 346.6 | 99.9 | 99.9 | 99.9 | 317.0 | 317.7 | 0.2 | 58.4 | 99.9 | 99.9 |
| 25.0 | 85.7 | 8784.9 | 325.0 | -42.3 | -52.1 | 346.6 | 99.9 | 99.9 | 99.9 | 317.7 | 318.1 | 0.1 | 58.4 | 99.9 | 99.9 |
| 26.8 | 89.7 | 9320.7 | 300.0 | -46.9 | -52.1 | 346.6 | 99.9 | 99.9 | 99.9 | 318.4 | 318.4 | 99.9 | 99.9 | 99.9 | 99.9 |
| 29.0 | 93.8 | 9890.7 | 275.0 | -52.1 | -52.1 | 346.6 | 99.9 | 99.9 | 99.9 | 319.3 | 319.3 | 99.9 | 99.9 | 99.9 | 99.9 |
| 31.2 | 98.2 | 10503.2 | 250.0 | -56.0 | -52.1 | 346.6 | 99.9 | 99.9 | 99.9 | 322.8 | 322.8 | 99.9 | 99.9 | 99.9 | 99.9 |
| 33.2 | 102.8 | 11167.7 | 225.0 | -59.0 | -52.1 | 346.6 | 99.9 | 99.9 | 99.9 | 322.8 | 322.8 | 99.9 | 99.9 | 99.9 | 99.9 |
| 35.9 | 107.8 | 11911.5 | 200.0 | -56.2 | -52.1 | 346.6 | 99.9 | 99.9 | 99.9 | 322.8 | 322.8 | 99.9 | 99.9 | 99.9 | 99.9 |
| 39.1 | 113.4 | 12781.3 | 175.0 | -55.6 | -52.1 | 346.6 | 99.9 | 99.9 | 99.9 | 322.8 | 322.8 | 99.9 | 99.9 | 99.9 | 99.9 |
| 42.6 | 119.2 | 13740.4 | 150.0 | -57.8 | -52.1 | 346.6 | 99.9 | 99.9 | 99.9 | 322.8 | 322.8 | 99.9 | 99.9 | 99.9 | 99.9 |
| 46.9 | 126.2 | 14893.1 | 125.0 | -56.1 | -52.1 | 346.6 | 99.9 | 99.9 | 99.9 | 322.8 | 322.8 | 99.9 | 99.9 | 99.9 | 99.9 |
| 52.1 | 134.0 | 16312.8 | 100.0 | -56.4 | -52.1 | 346.6 | 99.9 | 99.9 | 99.9 | 322.8 | 322.8 | 99.9 | 99.9 | 99.9 | 99.9 |
| 58.2 | 143.0 | 18109.0 | 75.0 | -61.0 | -52.1 | 346.6 | 99.9 | 99.9 | 99.9 | 322.8 | 322.8 | 99.9 | 99.9 | 99.9 | 99.9 |
| 66.5 | 153.3 | 20631.3 | 50.0 | -58.4 | -52.1 | 346.6 | 99.9 | 99.9 | 99.9 | 322.8 | 322.8 | 99.9 | 99.9 | 99.9 | 99.9 |
| 79.6 | 164.3 | 25037.1 | 25.0 | -53.7 | -52.1 | 346.6 | 99.9 | 99.9 | 99.9 | 322.8 | 322.8 | 99.9 | 99.9 | 99.9 | 99.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 ** BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 *** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
 **** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CO-TACTS

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 433
SALEM, ILLINOIS

24 APRIL 1982
1415 GMT

| TIME MIN | CNTOT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POI T DG K | E POT T DG K | MX R TO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|------------------|-----------|-------------|----------|
| 0.0 | 6.5 | 175.0 | 1002.8 | 15.2 | -1.0 | 999.9 | 99.9 | 99.9 | 99.9 | 288.1 | 288.1 | 0.0 | 0 | 0 | 0 |
| 0.1 | 5.7 | 198.6 | 1000.0 | 14.8 | -0.8 | 999.9 | 99.9 | 99.9 | 99.9 | 288.0 | 288.0 | 1.8 | 0 | 0 | 999 |
| 0.9 | 8.8 | 411.9 | 975.0 | 12.8 | -1.9 | 999.9 | 99.9 | 99.9 | 99.9 | 288.0 | 288.0 | 3.4 | 35.9 | 0.2 | 35 |
| 1.6 | 11.1 | 629.1 | 950.0 | 11.1 | -4.1 | 999.9 | 99.9 | 99.9 | 99.9 | 288.5 | 288.5 | 3.0 | 34.3 | 0.5 | 44 |
| 2.4 | 13.2 | 851.2 | 925.0 | 10.5 | -8.1 | 215.2 | 7.0 | 4.2 | 6.0 | 290.0 | 296.7 | 2.3 | 26.3 | 0.8 | 43 |
| 3.2 | 15.4 | 1078.5 | 800.0 | 8.7 | -9.9 | 215.6 | 7.6 | 4.5 | 6.1 | 290.5 | 296.2 | 2.0 | 25.7 | 1.2 | 40 |
| 4.0 | 17.6 | 1310.5 | 875.0 | 6.8 | -16.2 | 222.0 | 6.8 | 5.1 | 5.7 | 290.9 | 294.5 | 1.2 | 17.4 | 1.5 | 40 |
| 4.9 | 19.9 | 1547.5 | 850.0 | 5.4 | -17.8 | 210.3 | 6.8 | 3.4 | 5.9 | 291.9 | 295.1 | 1.1 | 16.7 | 2.0 | 40 |
| 5.7 | 22.3 | 1790.6 | 825.0 | 4.0 | -17.8 | 189.3 | 6.2 | 3.4 | 6.2 | 292.8 | 296.3 | 1.5 | 31.0 | 2.0 | 37 |
| 6.6 | 24.6 | 2040.3 | 800.0 | 3.5 | -21.4 | 200.9 | 5.0 | 1.8 | 6.2 | 294.9 | 297.5 | 0.9 | 14.0 | 2.5 | 34 |
| 7.5 | 27.1 | 2297.8 | 775.0 | 3.8 | -21.2 | 202.3 | 5.8 | 2.2 | 5.3 | 297.9 | 300.7 | 0.9 | 14.0 | 2.8 | 34 |
| 8.3 | 29.5 | 2584.3 | 750.0 | 4.1 | -20.6 | 183.1 | 5.5 | 0.3 | 5.5 | 301.0 | 304.1 | 1.0 | 14.0 | 3.1 | 32 |
| 9.4 | 32.0 | 2839.1 | 725.0 | 2.9 | -21.1 | 181.1 | 5.0 | 0.1 | 5.0 | 303.7 | 305.7 | 0.9 | 15.0 | 3.3 | 28 |
| 10.5 | 34.6 | 3122.3 | 700.0 | 1.1 | -22.2 | 193.8 | 4.4 | 1.1 | 4.3 | 303.7 | 305.6 | 0.9 | 15.5 | 3.6 | 26 |
| 11.6 | 37.2 | 3413.5 | 675.0 | -0.7 | -23.3 | 205.9 | 4.0 | 1.8 | 3.5 | 304.9 | 307.7 | 0.8 | 16.0 | 3.9 | 27 |
| 12.7 | 40.0 | 3713.6 | 650.0 | -2.8 | -25.1 | 218.2 | 4.8 | 3.1 | 3.7 | 305.8 | 308.2 | 0.8 | 15.9 | 4.2 | 27 |
| 13.9 | 42.8 | 4023.8 | 625.0 | -4.1 | -26.3 | 229.6 | 5.5 | 4.2 | 3.5 | 307.8 | 310.1 | 0.7 | 15.2 | 4.5 | 28 |
| 15.1 | 45.6 | 4344.7 | 600.0 | -6.1 | -28.2 | 226.7 | 7.0 | 5.1 | 4.8 | 308.1 | 311.2 | 0.6 | 15.2 | 4.9 | 30 |
| 16.4 | 48.5 | 4676.5 | 575.0 | -8.2 | -30.1 | 231.9 | 7.6 | 6.0 | 4.7 | 310.4 | 312.3 | 0.5 | 15.1 | 5.5 | 32 |
| 17.7 | 51.5 | 5019.6 | 550.0 | -11.0 | -30.8 | 248.0 | 7.0 | 6.7 | 2.8 | 311.6 | 312.9 | 0.5 | 17.8 | 6.0 | 34 |
| 19.1 | 54.6 | 5375.1 | 525.0 | -14.0 | -19.5 | 253.3 | 6.3 | 5.1 | 2.0 | 312.9 | 314.5 | 0.4 | 63.0 | 6.5 | 38 |
| 20.7 | 57.9 | 5743.5 | 500.0 | -16.6 | -34.4 | 242.5 | 5.8 | 5.1 | 2.7 | 314.0 | 317.5 | 0.4 | 21.6 | 7.0 | 40 |
| 22.2 | 61.1 | 6127.1 | 475.0 | -19.4 | -24.5 | 233.9 | 6.3 | 6.4 | 3.8 | 315.6 | 318.4 | 0.8 | 57.4 | 8.2 | 43 |
| 23.7 | 64.6 | 6527.4 | 450.0 | -22.0 | -28.1 | 239.7 | 7.5 | 7.4 | 3.2 | 316.6 | 318.7 | 0.6 | 53.7 | 8.9 | 47 |
| 25.5 | 68.1 | 6945.4 | 425.0 | -25.3 | -31.9 | 245.7 | 8.0 | 8.5 | 3.2 | 317.8 | 319.1 | 0.4 | 43.1 | 9.8 | 47 |
| 27.4 | 71.9 | 7382.6 | 400.0 | -28.6 | -37.2 | 254.1 | 8.8 | 9.6 | 3.5 | 318.1 | 319.6 | 0.2 | 33.7 | 10.8 | 48 |
| 29.4 | 75.8 | 7841.0 | 375.0 | -32.8 | -43.4 | 251.8 | 10.1 | 9.6 | 3.1 | 319.1 | 319.6 | 0.1 | 30.2 | 11.8 | 51 |
| 31.4 | 79.8 | 8323.0 | 350.0 | -36.8 | -47.9 | 251.8 | 10.1 | 15.0 | 3.1 | 319.1 | 319.6 | 99.9 | 99.9 | 13.1 | 54 |
| 33.4 | 83.1 | 8831.8 | 325.0 | -40.2 | 99.9 | 266.6 | 15.1 | 19.2 | 0.9 | 321.3 | 999.9 | 99.9 | 99.9 | 14.9 | 59 |
| 35.5 | 88.4 | 9372.5 | 300.0 | -44.6 | 99.9 | 273.2 | 19.4 | 19.3 | -2.3 | 322.5 | 999.9 | 99.9 | 99.9 | 17.2 | 69 |
| 37.8 | 93.2 | 9949.6 | 275.0 | -48.9 | 99.9 | 276.7 | 18.3 | 18.3 | -2.3 | 324.5 | 999.9 | 99.9 | 99.9 | 19.6 | 71 |
| 40.3 | 98.3 | 10569.8 | 250.0 | -52.6 | 99.9 | 269.8 | 19.3 | 19.1 | 0.1 | 327.9 | 999.9 | 99.9 | 99.9 | 22.5 | 72 |
| 43.1 | 103.6 | 11243.5 | 225.0 | -57.0 | 99.9 | 261.3 | 19.3 | 21.7 | 1.4 | 331.1 | 999.9 | 99.9 | 99.9 | 26.0 | 77 |
| 45.9 | 109.3 | 11987.4 | 200.0 | -57.6 | 96.9 | 266.2 | 21.7 | 22.5 | 0.1 | 331.6 | 999.9 | 99.9 | 99.9 | 30.5 | 74 |
| 49.3 | 115.5 | 12825.6 | 175.0 | -58.3 | 99.9 | 269.8 | 22.5 | 19.1 | -1.6 | 353.7 | 999.9 | 99.9 | 99.9 | 34.7 | 77 |
| 52.9 | 122.0 | 13803.7 | 150.0 | -55.7 | 99.9 | 274.8 | 19.2 | 17.7 | -0.7 | 374.1 | 999.9 | 99.9 | 99.9 | 39.5 | 79 |
| 57.3 | 129.0 | 14962.7 | 125.0 | -56.6 | 99.9 | 272.2 | 17.8 | 16.9 | 1.2 | 392.6 | 999.9 | 99.9 | 99.9 | 45.0 | 80 |
| 62.5 | 136.3 | 16371.6 | 100.0 | -58.5 | 99.9 | 266.1 | 17.0 | 9.8 | -4.5 | 414.8 | 999.9 | 99.9 | 99.9 | 50.3 | 81 |
| 69.0 | 144.3 | 18181.8 | 75.0 | -57.4 | 99.9 | 294.7 | 10.6 | 1.0 | -3.7 | 452.7 | 999.9 | 99.9 | 99.9 | 51.8 | 84 |
| 77.9 | 152.7 | 20748.1 | 50.0 | -55.5 | 99.9 | 344.2 | 3.8 | 1.0 | -0.4 | 512.7 | 999.9 | 99.9 | 99.9 | 49.8 | 84 |
| 92.1 | 161.0 | 25243.4 | 25.0 | -48.7 | 99.9 | 86.3 | 5.6 | -5.5 | | 644.8 | 999.9 | 99.9 | 99.9 | | |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

** BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

| STATION NO. 433 SALEM, ILLINOIS | | | | | | | | | | | | | | | 162 15. 0 | |
|------------------------------------|--------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|-----------|--|
| 24 APRIL 1982 1715 GMT | | | | | | | | | | | | | | | | |
| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG | |
| 0. 0 | 6. 8 | 175. 0 | 1001. 3 | 17. 0 | -1. 0 | 999. 9 | 99. 9 | 99. 9 | 99. 9 | 290. 1 | 290. 1 | 0. 0 | 0. 0 | 0. 0 | 0. 0 | |
| 0. 1 | 7. 0 | 186. 0 | 1000. 0 | 16. 8 | -5. 1 | 999. 9 | 99. 9 | 99. 9 | 99. 9 | 297. 2 | 297. 2 | 2. 6 | 21. 8 | 999. 9 | 999. 9 | |
| 1. 0 | 9. 7 | 400. 7 | 975. 0 | 14. 8 | -4. 9 | 999. 9 | 99. 9 | 99. 9 | 99. 9 | 297. 6 | 297. 6 | 2. 7 | 25. 2 | 0. 3 | 38. 0 | |
| 1. 7 | 12. 3 | 619. 3 | 950. 0 | 12. 6 | -5. 6 | 204. 1 | 6. 5 | 2. 6 | 5. 9 | 297. 2 | 297. 2 | 2. 6 | 27. 1 | 0. 5 | 35. 0 | |
| 2. 3 | 15. 0 | 842. 0 | 925. 0 | 10. 4 | -5. 7 | 191. 5 | 6. 2 | 1. 2 | 6. 1 | 297. 4 | 297. 4 | 2. 7 | 31. 6 | 0. 8 | 30. 0 | |
| 2. 9 | 17. 8 | 1069. 4 | 900. 0 | 8. 6 | -5. 8 | 182. 0 | 5. 7 | 0. 2 | 5. 7 | 298. 0 | 298. 0 | 2. 8 | 35. 6 | 1. 0 | 24. 0 | |
| 3. 6 | 20. 4 | 1301. 2 | 875. 0 | 6. 1 | -6. 4 | 186. 7 | 6. 6 | 0. 8 | 6. 6 | 298. 3 | 298. 3 | 2. 7 | 40. 3 | 1. 2 | 20. 0 | |
| 4. 3 | 23. 1 | 1537. 8 | 850. 0 | 4. 0 | -6. 8 | 187. 6 | 7. 5 | 1. 0 | 7. 5 | 290. 3 | 290. 3 | 2. 7 | 45. 8 | 1. 5 | 17. 0 | |
| 5. 1 | 25. 9 | 1779. 6 | 825. 0 | 3. 3 | -9. 6 | 183. 9 | 6. 6 | 0. 5 | 6. 6 | 290. 3 | 290. 3 | 2. 7 | 45. 8 | 1. 5 | 17. 0 | |
| 6. 0 | 28. 7 | 2028. 7 | 800. 0 | 3. 1 | -21. 0 | 176. 9 | 7. 0 | -0. 4 | 7. 0 | 292. 1 | 292. 1 | 1. 0 | 17. 5 | 1. 8 | 16. 0 | |
| 7. 0 | 31. 4 | 2286. 6 | 775. 0 | 4. 8 | -19. 8 | 179. 4 | 8. 7 | -0. 1 | 8. 7 | 299. 0 | 299. 0 | 0. 9 | 15. 0 | 2. 2 | 13. 0 | |
| 8. 0 | 34. 3 | 2553. 7 | 750. 0 | 4. 5 | -19. 8 | 177. 6 | 8. 2 | -0. 3 | 8. 2 | 301. 5 | 301. 5 | 1. 0 | 14. 8 | 2. 7 | 10. 0 | |
| 8. 9 | 37. 2 | 2828. 7 | 725. 0 | 2. 7 | -20. 1 | 177. 8 | 8. 2 | -0. 3 | 8. 2 | 302. 4 | 302. 4 | 1. 1 | 15. 1 | 3. 1 | 9. 0 | |
| 9. 7 | 40. 1 | 3111. 4 | 700. 0 | 0. 8 | -21. 4 | 181. 6 | 7. 7 | 0. 2 | 7. 7 | 303. 4 | 303. 4 | 1. 0 | 16. 7 | 3. 6 | 7. 0 | |
| 10. 8 | 43. 0 | 3402. 1 | 675. 0 | -1. 5 | -23. 1 | 192. 7 | 7. 5 | 1. 6 | 7. 3 | 304. 0 | 304. 0 | 0. 9 | 17. 1 | 4. 0 | 6. 0 | |
| 11. 9 | 46. 0 | 3702. 3 | 650. 0 | -1. 5 | -24. 4 | 204. 8 | 8. 8 | 3. 7 | 8. 0 | 308. 8 | 308. 8 | 0. 8 | 15. 9 | 5. 0 | 10. 0 | |
| 12. 9 | 49. 0 | 4012. 8 | 625. 0 | -4. 3 | -26. 3 | 215. 0 | 9. 2 | 5. 3 | 7. 6 | 307. 8 | 307. 8 | 0. 7 | 16. 0 | 5. 5 | 10. 0 | |
| 13. 9 | 52. 1 | 4333. 3 | 600. 0 | -6. 5 | -27. 5 | 220. 8 | 9. 2 | 6. 0 | 7. 0 | 308. 7 | 308. 7 | 0. 7 | 16. 8 | 6. 0 | 13. 0 | |
| 15. 1 | 55. 3 | 4664. 3 | 575. 0 | -9. 2 | -22. 8 | 228. 5 | 8. 6 | 8. 5 | 5. 6 | 309. 2 | 309. 2 | 1. 1 | 32. 2 | 6. 5 | 15. 0 | |
| 16. 3 | 58. 5 | 5006. 4 | 550. 0 | -12. 0 | -22. 0 | 236. 4 | 6. 7 | 5. 6 | 4. 5 | 309. 8 | 309. 8 | 1. 2 | 43. 5 | 7. 0 | 18. 0 | |
| 17. 6 | 61. 7 | 5380. 7 | 525. 0 | -14. 7 | -19. 9 | 226. 4 | 6. 6 | 4. 8 | 4. 5 | 310. 7 | 310. 7 | 1. 5 | 55. 6 | 7. 4 | 20. 0 | |
| 18. 9 | 65. 0 | 5729. 0 | 500. 0 | -16. 8 | -23. 2 | 232. 3 | 8. 0 | 6. 3 | 4. 9 | 312. 6 | 312. 6 | 1. 2 | 57. 1 | 7. 9 | 22. 0 | |
| 20. 3 | 68. 4 | 6112. 7 | 475. 0 | -19. 5 | -23. 8 | 242. 1 | 7. 8 | 6. 9 | 3. 8 | 313. 9 | 313. 9 | 1. 2 | 57. 1 | 8. 4 | 25. 0 | |
| 21. 7 | 71. 9 | 6512. 2 | 450. 0 | -22. 6 | -28. 4 | 241. 4 | 7. 7 | 6. 8 | 3. 7 | 314. 9 | 314. 9 | 0. 8 | 58. 1 | 9. 4 | 28. 0 | |
| 23. 2 | 75. 4 | 6929. 5 | 425. 0 | -25. 3 | -34. 6 | 231. 4 | 9. 3 | 7. 2 | 5. 8 | 316. 6 | 316. 6 | 0. 5 | 58. 9 | 9. 8 | 30. 0 | |
| 24. 7 | 79. 0 | 7366. 3 | 400. 0 | -28. 9 | -42. 2 | 241. 3 | 11. 3 | 10. 0 | 5. 4 | 317. 4 | 317. 4 | 0. 2 | 41. 2 | 10. 5 | 31. 0 | |
| 26. 2 | 82. 8 | 7825. 8 | 375. 0 | -31. 5 | -48. 0 | 255. 4 | 14. 7 | 14. 6 | 1. 2 | 320. 0 | 320. 0 | 0. 1 | 26. 3 | 11. 4 | 36. 0 | |
| 27. 9 | 86. 7 | 8310. 3 | 350. 0 | -35. 7 | -51. 2 | 271. 8 | 17. 2 | 17. 2 | -0. 5 | 320. 6 | 320. 6 | 0. 1 | 18. 5 | 12. 3 | 42. 0 | |
| 29. 6 | 90. 7 | 8821. 3 | 325. 0 | -39. 9 | 99. 9 | 272. 3 | 18. 9 | 18. 8 | -0. 8 | 321. 7 | 321. 7 | 99. 9 | 99. 9 | 13. 6 | 48. 0 | |
| 31. 5 | 94. 8 | 9362. 8 | 300. 0 | -44. 4 | 99. 9 | 276. 4 | 19. 1 | 19. 0 | -2. 1 | 322. 8 | 322. 8 | 99. 9 | 99. 9 | 15. 2 | 54. 0 | |
| 33. 6 | 99. 2 | 9939. 8 | 275. 0 | -49. 1 | 99. 9 | 276. 4 | 19. 4 | 19. 4 | -0. 7 | 324. 1 | 324. 1 | 99. 9 | 99. 9 | 16. 9 | 59. 0 | |
| 35. 6 | 103. 7 | 10558. 2 | 250. 0 | -54. 4 | 99. 9 | 281. 3 | 20. 7 | 20. 5 | 3. 1 | 325. 3 | 325. 3 | 99. 9 | 99. 9 | 19. 1 | 62. 0 | |
| 37. 6 | 108. 4 | 11255. 9 | 225. 0 | -58. 7 | 99. 9 | 258. 3 | 20. 7 | 20. 3 | 4. 2 | 328. 6 | 328. 6 | 99. 9 | 99. 9 | 21. 6 | 64. 0 | |
| 40. 0 | 113. 4 | 11966. 6 | 200. 0 | -57. 0 | 99. 9 | 257. 7 | 20. 6 | 20. 1 | 4. 4 | 342. 5 | 342. 5 | 99. 9 | 99. 9 | 24. 5 | 66. 0 | |
| 42. 6 | 119. 0 | 12812. 8 | 175. 0 | -57. 2 | 99. 9 | 257. 1 | 21. 7 | 21. 1 | 4. 8 | 355. 6 | 355. 6 | 99. 9 | 99. 9 | 27. 7 | 67. 0 | |
| 45. 7 | 124. 7 | 13786. 7 | 150. 0 | -57. 1 | 99. 9 | 264. 9 | 19. 5 | 19. 5 | 1. 7 | 370. 4 | 370. 4 | 99. 9 | 99. 9 | 31. 4 | 69. 0 | |
| 49. 5 | 131. 2 | 14940. 0 | 125. 0 | -57. 1 | 99. 9 | 262. 1 | 19. 0 | 18. 9 | 2. 6 | 391. 6 | 391. 6 | 99. 9 | 99. 9 | 35. 5 | 70. 0 | |
| 54. 2 | 138. 3 | 16344. 5 | 100. 0 | -59. 1 | 99. 9 | 266. 4 | 18. 8 | 18. 8 | 0. 2 | 412. 3 | 412. 3 | 99. 9 | 99. 9 | 41. 0 | 73. 0 | |
| 60. 1 | 146. 0 | 18141. 9 | 75. 0 | -59. 1 | 99. 9 | 266. 1 | 11. 7 | 11. 2 | -3. 2 | 449. 1 | 449. 1 | 99. 9 | 99. 9 | 46. 2 | 76. 0 | |
| 68. 2 | 154. 7 | 20698. 5 | 50. 0 | -56. 3 | 99. 9 | 237. 0 | 4. 2 | -3. 6 | 2. 3 | 511. 0 | 511. 0 | 99. 9 | 99. 9 | 48. 8 | 77. 0 | |
| 81. 5 | 163. 7 | 25170. 9 | 25. 0 | -50. 1 | 99. 9 | 109. 9 | 5. 3 | -5. 6 | 1. 8 | 641. 1 | 641. 1 | 99. 9 | 99. 9 | 47. 7 | 78. 0 | |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

** BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

*** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

**** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 ** BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 *** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
 **** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 433
SALEM, ILLINOIS
24 APRIL 1982
2015 GMT

| TIME MIN | ONTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | M ₁ RTO M/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|----------------------------|-----------|-------------|----------|
| 0.0 | 6.9 | 175.0 | 999.0 | 19.1 | -1.0 | 999.9 | 99.9 | 99.9 | 99.9 | 292.3 | 292.3 | 0.0 | 0.0 | 0.0 | 0.0 |
| 99.9 | 99.9 | 382.7 | 1000.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 0.6 | 9.0 | 603.1 | 975.0 | 17.0 | -2.9 | 999.9 | 99.9 | 99.9 | 99.9 | 292.3 | 301.1 | 3.2 | 25.5 | 999.9 | 999.9 |
| 1.3 | 11.2 | 827.5 | 950.0 | 14.6 | -3.4 | 181.8 | 4.5 | 0.2 | 4.9 | 292.0 | 300.7 | 3.1 | 28.6 | 999.9 | 0.4 12 |
| 2.8 | 13.4 | 1056.5 | 925.0 | 12.5 | -3.8 | 174.8 | 4.4 | -0.4 | 4.4 | 292.2 | 300.9 | 3.1 | 31.8 | 0.6 9 | 6 6 |
| 3.4 | 15.6 | 1289.9 | 900.0 | 10.5 | -3.9 | 170.1 | 4.6 | -0.8 | 4.5 | 292.4 | 301.2 | 3.2 | 35.9 | 0.7 6 | 3 3 |
| 4.3 | 17.9 | 1528.1 | 875.0 | 8.1 | -4.5 | 167.0 | 5.0 | -1.1 | 4.9 | 292.2 | 300.9 | 3.1 | 40.4 | 0.8 4 | 0 0 |
| 5.5 | 20.3 | 1771.2 | 850.0 | 5.5 | -5.3 | 163.9 | 5.7 | -1.6 | 5.5 | 291.9 | 300.4 | 3.0 | 45.6 | 1.0 359 | 359 |
| 6.4 | 22.6 | 2019.7 | 825.0 | 3.3 | -5.3 | 171.7 | 6.3 | -0.9 | 6.2 | 292.1 | 300.8 | 3.1 | 53.2 | 1.3 356 | 356 |
| 7.3 | 25.0 | 2277.6 | 800.0 | 1.4 | -8.3 | 181.8 | 8.6 | 0.3 | 8.6 | 292.7 | 309.9 | 2.6 | 48.4 | 1.8 359 | 359 |
| 8.4 | 27.4 | 2545.2 | 775.0 | 5.1 | -19.5 | 187.9 | 10.2 | 1.4 | 10.2 | 299.4 | 302.1 | 1.1 | 14.8 | 2.4 359 | 359 |
| 9.4 | 29.9 | 2821.1 | 750.0 | 3.5 | -19.5 | 182.9 | 10.5 | 0.5 | 10.5 | 302.1 | 305.5 | 1.1 | 15.8 | 2.9 0 | 0 |
| 10.4 | 32.5 | 3104.6 | 725.0 | 1.7 | -20.1 | 183.3 | 10.5 | 0.6 | 10.5 | 303.3 | 306.6 | 1.1 | 15.8 | 3.6 0 | 0 |
| 11.6 | 35.1 | 3396.9 | 700.0 | 0.1 | -21.0 | 195.2 | 10.8 | 2.8 | 10.4 | 304.4 | 307.6 | 1.0 | 16.5 | 4.3 1 | 1 |
| 12.6 | 37.8 | 3697.9 | 675.0 | 0.1 | -22.3 | 205.6 | 10.9 | 4.7 | 9.8 | 305.8 | 308.8 | 0.9 | 16.5 | 5.0 4 | 4 |
| 13.8 | 40.3 | 4008.3 | 650.0 | -2.1 | -24.3 | 209.7 | 11.3 | 5.6 | 9.8 | 306.6 | 309.3 | 0.8 | 16.2 | 5.6 7 | 7 |
| 15.0 | 43.3 | 4328.5 | 625.0 | -4.2 | -25.8 | 211.3 | 11.1 | 5.8 | 9.5 | 307.7 | 310.1 | 0.7 | 16.6 | 6.3 10 | 10 |
| 16.3 | 46.2 | 4559.4 | 600.0 | -6.7 | -28.0 | 217.0 | 9.7 | 5.8 | 7.7 | 308.7 | 310.4 | 0.6 | 16.5 | 6.9 12 | 12 |
| 17.5 | 49.1 | 4859.4 | 575.0 | -8.8 | -29.7 | 216.0 | 8.0 | 4.7 | 6.5 | 309.7 | 311.5 | 0.6 | 16.4 | 7.5 14 | 14 |
| 18.9 | 52.1 | 5002.4 | 550.0 | -11.4 | -19.7 | 213.9 | 7.2 | 4.0 | 6.0 | 310.6 | 315.2 | 1.5 | 50.7 | 8.0 16 | 16 |
| 20.2 | 55.3 | 5270.0 | 525.0 | -13.7 | -17.9 | 221.7 | 7.0 | 4.6 | 5.2 | 312.0 | 317.5 | 1.8 | 70.0 | 8.5 17 | 17 |
| 21.6 | 58.5 | 5538.0 | 500.0 | -16.8 | -23.2 | 219.0 | 9.0 | 5.6 | 7.0 | 312.5 | 318.3 | 1.2 | 57.3 | 9.1 19 | 19 |
| 23.2 | 61.9 | 5810.5 | 475.0 | -19.5 | -36.7 | 219.1 | 10.7 | 6.7 | 8.3 | 313.8 | 315.1 | 0.4 | 17.5 | 9.9 20 | 20 |
| 24.8 | 65.3 | 6030.2 | 450.0 | -21.3 | -39.5 | 234.0 | 9.8 | 7.9 | 5.8 | 316.5 | 317.5 | 0.3 | 17.0 | 10.7 22 | 22 |
| 26.6 | 68.9 | 6369.8 | 425.0 | -24.0 | -42.0 | 253.6 | 10.3 | 9.8 | 5.9 | 318.3 | 319.0 | 0.2 | 17.0 | 11.3 25 | 25 |
| 28.4 | 72.6 | 6730.9 | 400.0 | -27.4 | -44.8 | 258.1 | 11.1 | 10.8 | 5.3 | 319.4 | 320.0 | 0.2 | 17.2 | 12.0 29 | 29 |
| 30.6 | 76.5 | 7030.9 | 375.0 | -31.2 | -46.1 | 268.0 | 11.7 | 11.4 | 4.2 | 320.3 | 320.9 | 0.2 | 21.2 | 12.8 33 | 33 |
| 32.6 | 80.5 | 7316.9 | 350.0 | -34.6 | -43.9 | 260.7 | 12.6 | 12.5 | 2.0 | 322.0 | 322.8 | 0.2 | 21.2 | 13.7 37 | 37 |
| 34.6 | 84.8 | 7629.8 | 325.0 | -38.8 | -48.7 | 262.3 | 13.6 | 15.5 | 2.1 | 323.1 | 323.7 | 0.1 | 34.2 | 15.1 47 | 47 |
| 36.8 | 89.3 | 7974.0 | 300.0 | -43.4 | -49.9 | 267.0 | 15.9 | 21.9 | -0.1 | 324.3 | 324.3 | 99.9 | 99.9 | 16.8 53 | 53 |
| 39.2 | 94.0 | 8374.0 | 275.0 | -48.2 | 99.9 | 270.3 | 26.7 | 26.7 | 2.5 | 325.5 | 325.5 | 99.9 | 99.9 | 19.0 59 | 59 |
| 41.7 | 104.3 | 8743.4 | 250.0 | -53.4 | 99.9 | 266.4 | 29.5 | 29.4 | 1.7 | 326.7 | 327.5 | 99.9 | 99.9 | 22.2 63 | 63 |
| 44.1 | 110.0 | 9173.4 | 225.0 | -59.4 | 99.9 | 253.4 | 22.4 | 21.5 | 6.4 | 327.8 | 328.0 | 99.9 | 99.9 | 26.2 65 | 65 |
| 46.8 | 116.0 | 9573.4 | 200.0 | -60.0 | 99.9 | 253.2 | 23.5 | 22.5 | 6.8 | 328.6 | 329.0 | 99.9 | 99.9 | 29.5 66 | 66 |
| 49.6 | 122.5 | 10000.0 | 175.0 | -58.4 | 99.9 | 261.2 | 19.0 | 18.8 | 2.9 | 330.1 | 330.5 | 99.9 | 99.9 | 34.3 67 | 67 |
| 53.1 | 129.3 | 10430.3 | 150.0 | -57.7 | 99.9 | 259.5 | 22.5 | 22.1 | 4.1 | 330.5 | 330.9 | 99.9 | 99.9 | 38.6 69 | 69 |
| 58.2 | 136.7 | 10834.6 | 125.0 | -57.7 | 99.9 | 267.3 | 20.4 | 20.3 | 1.0 | 413.5 | 413.5 | 99.9 | 99.9 | 43.6 70 | 70 |
| 64.8 | 144.7 | 11336.9 | 100.0 | -59.2 | 99.9 | 279.1 | 13.9 | 13.7 | -2.2 | 511.6 | 511.6 | 99.9 | 99.9 | 50.6 73 | 73 |
| 73.5 | 153.0 | 11816.7 | 75.0 | -59.1 | 99.9 | 313.0 | 5.6 | 4.1 | -3.8 | 511.6 | 511.6 | 99.9 | 99.9 | 56.2 75 | 75 |
| 86.6 | 161.3 | 12513.5 | 25.0 | -51.1 | 99.9 | 297.6 | 2.8 | 2.5 | -1.3 | 638.2 | 638.2 | 99.9 | 99.9 | 59.6 76 | 76 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

STATION NO. 433
SALEM, ILLINOIS
25 APRIL 1982
215 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 6.6 | 175.0 | 996.4 | 16.2 | -0.5 | 999.9 | 99.9 | 99.9 | 99.9 | 289.7 | 299.8 | 3.7 | 32.0 | 0.0 | 0. |
| 99.9 | 99.9 | 1000.0 | 996.4 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 289.7 | 299.8 | 99.9 | 999.9 | 999.9 | 999.9 |
| 0.6 | 8.7 | 359.4 | 975.0 | 16.4 | -5.3 | 999.9 | 99.9 | 99.9 | 99.9 | 291.6 | 299.1 | 2.7 | 22.2 | 0.0 | 0. |
| 1.3 | 11.1 | 579.6 | 950.0 | 14.9 | -5.4 | 999.9 | 99.9 | 99.9 | 99.9 | 292.3 | 299.9 | 2.7 | 24.1 | 0.8 | 13. |
| 1.9 | 13.6 | 804.2 | 925.0 | 12.8 | -5.9 | 999.9 | 99.9 | 99.9 | 99.9 | 292.4 | 299.9 | 2.7 | 26.5 | 1.2 | 14. |
| 2.7 | 16.2 | 1033.3 | 900.0 | 10.7 | -6.2 | 999.9 | 99.9 | 99.9 | 99.9 | 292.5 | 300.0 | 2.7 | 30.0 | 1.8 | 14. |
| 3.3 | 18.7 | 1267.1 | 875.0 | 8.6 | -5.8 | 999.9 | 99.9 | 99.9 | 99.9 | 292.7 | 300.7 | 2.8 | 35.5 | 2.3 | 14. |
| 4.0 | 21.3 | 1505.9 | 850.0 | 6.7 | -7.1 | 999.9 | 99.9 | 99.9 | 99.9 | 293.2 | 300.6 | 2.6 | 36.6 | 2.3 | 14. |
| 4.7 | 23.9 | 1750.2 | 825.0 | 5.0 | -7.8 | 999.9 | 99.9 | 99.9 | 99.9 | 293.9 | 301.2 | 2.6 | 39.0 | 2.6 | 13. |
| 5.4 | 26.4 | 2000.4 | 800.0 | 3.0 | -9.4 | 999.9 | 99.9 | 99.9 | 99.9 | 294.4 | 301.1 | 2.4 | 39.7 | 4.4 | 12. |
| 6.1 | 29.1 | 2256.6 | 775.0 | 1.8 | -22.6 | 999.9 | 99.9 | 99.9 | 99.9 | 295.8 | 298.2 | 0.8 | 14.2 | 5.1 | 12. |
| 7.1 | 31.8 | 2521.5 | 750.0 | 2.9 | -21.9 | 999.9 | 99.9 | 99.9 | 99.9 | 299.8 | 302.5 | 0.9 | 14.0 | 5.7 | 12. |
| 7.9 | 34.4 | 2795.5 | 725.0 | 1.7 | -22.8 | 999.9 | 99.9 | 99.9 | 99.9 | 301.3 | 304.0 | 0.8 | 14.1 | 6.2 | 12. |
| 8.8 | 37.2 | 3077.4 | 700.0 | 0.5 | -23.8 | 999.9 | 99.9 | 99.9 | 99.9 | 303.0 | 305.5 | 0.8 | 14.9 | 7.4 | 14. |
| 9.9 | 40.0 | 3368.6 | 675.0 | -0.5 | -24.0 | 999.9 | 99.9 | 99.9 | 99.9 | 305.1 | 307.7 | 0.8 | 14.9 | 7.4 | 14. |
| 11.0 | 42.8 | 3669.2 | 650.0 | -2.6 | -14.8 | 999.9 | 99.9 | 99.9 | 99.9 | 306.0 | 307.7 | 0.8 | 14.9 | 7.4 | 14. |
| 11.9 | 45.6 | 3979.6 | 625.0 | -4.3 | -13.7 | 999.9 | 99.9 | 99.9 | 99.9 | 307.6 | 312.0 | 2.1 | 41.3 | 8.0 | 15. |
| 12.9 | 48.4 | 4300.2 | 600.0 | -6.0 | -24.6 | 999.9 | 99.9 | 99.9 | 99.9 | 309.2 | 312.0 | 2.1 | 47.9 | 8.5 | 15. |
| 13.8 | 51.3 | 4632.1 | 575.0 | -8.2 | -28.3 | 999.9 | 99.9 | 99.9 | 99.9 | 310.4 | 312.5 | 0.5 | 18.0 | 9.6 | 14. |
| 14.8 | 54.3 | 4975.1 | 550.0 | -11.2 | -31.2 | 999.9 | 99.9 | 99.9 | 99.9 | 310.8 | 312.6 | 0.5 | 17.4 | 10.2 | 14. |
| 15.8 | 57.3 | 5330.1 | 525.0 | -14.5 | -31.1 | 999.9 | 99.9 | 99.9 | 99.9 | 311.1 | 312.9 | 0.5 | 23.2 | 10.8 | 14. |
| 16.8 | 60.4 | 5697.9 | 500.0 | -17.1 | -35.9 | 999.9 | 99.9 | 99.9 | 99.9 | 312.1 | 313.4 | 0.4 | 17.8 | 11.2 | 15. |
| 18.0 | 63.5 | 6081.1 | 475.0 | -19.0 | -38.7 | 999.9 | 99.9 | 99.9 | 99.9 | 314.5 | 315.4 | 0.3 | 15.6 | 11.6 | 15. |
| 19.2 | 66.8 | 6482.4 | 450.0 | -21.1 | -38.4 | 999.9 | 99.9 | 99.9 | 99.9 | 316.6 | 317.9 | 0.3 | 18.3 | 12.6 | 15. |
| 20.3 | 70.1 | 6901.8 | 425.0 | -24.4 | -32.9 | 999.9 | 99.9 | 99.9 | 99.9 | 317.7 | 319.6 | 0.6 | 45.0 | 13.4 | 15. |
| 21.7 | 73.6 | 7341.2 | 400.0 | -27.2 | -32.1 | 999.9 | 99.9 | 99.9 | 99.9 | 319.6 | 322.5 | 0.6 | 62.5 | 14.4 | 15. |
| 23.0 | 76.9 | 7802.5 | 375.0 | -30.8 | -35.4 | 999.9 | 99.9 | 99.9 | 99.9 | 320.8 | 322.8 | 0.5 | 63.7 | 15.5 | 15. |
| 24.6 | 80.7 | 8288.1 | 350.0 | -35.1 | -38.1 | 999.9 | 99.9 | 99.9 | 99.9 | 321.4 | 322.8 | 0.4 | 74.1 | 16.8 | 15. |
| 26.1 | 84.5 | 8800.3 | 325.0 | -39.6 | -39.9 | 999.9 | 99.9 | 99.9 | 99.9 | 322.1 | 322.8 | 99.9 | 999.9 | 18.2 | 17. |
| 28.2 | 88.5 | 9341.7 | 300.0 | -44.9 | -44.9 | 999.9 | 99.9 | 99.9 | 99.9 | 322.1 | 322.1 | 99.9 | 999.9 | 19.8 | 19. |
| 30.0 | 92.3 | 9918.0 | 275.0 | -49.5 | -49.5 | 999.9 | 99.9 | 99.9 | 99.9 | 323.5 | 323.5 | 99.9 | 999.9 | 21.4 | 21. |
| 32.0 | 96.7 | 10533.8 | 250.0 | -55.6 | -55.6 | 999.9 | 99.9 | 99.9 | 99.9 | 323.5 | 323.5 | 99.9 | 999.9 | 23.6 | 23. |
| 34.4 | 101.2 | 11196.8 | 225.0 | -60.6 | -60.6 | 999.9 | 99.9 | 99.9 | 99.9 | 325.6 | 325.6 | 99.9 | 999.9 | 26.8 | 26. |
| 36.5 | 106.0 | 11924.8 | 200.0 | -62.1 | -62.1 | 999.9 | 99.9 | 99.9 | 99.9 | 334.4 | 334.4 | 99.9 | 999.9 | 30.0 | 30. |
| 39.1 | 111.2 | 12756.2 | 175.0 | -60.3 | -59.9 | 999.9 | 99.9 | 99.9 | 99.9 | 350.5 | 350.5 | 99.9 | 999.9 | 32.9 | 32. |
| 42.1 | 116.7 | 13723.3 | 150.0 | -57.1 | -57.1 | 999.9 | 99.9 | 99.9 | 99.9 | 371.7 | 371.7 | 99.9 | 999.9 | 35.9 | 35. |
| 45.9 | 123.0 | 14872.6 | 125.0 | -58.4 | -59.9 | 999.9 | 99.9 | 99.9 | 99.9 | 387.3 | 387.3 | 99.9 | 999.9 | 39.2 | 39. |
| 50.5 | 130.0 | 16277.6 | 100.0 | -59.4 | -59.9 | 999.9 | 99.9 | 99.9 | 99.9 | 412.9 | 412.9 | 99.9 | 999.9 | 42.7 | 42. |
| 55.5 | 138.0 | 18061.2 | 75.0 | -62.0 | -59.9 | 999.9 | 99.9 | 99.9 | 99.9 | 443.6 | 443.6 | 99.9 | 999.9 | 45.9 | 45. |
| 62.7 | 148.0 | 20593.9 | 50.0 | -59.8 | -59.9 | 999.9 | 99.9 | 99.9 | 99.9 | 502.6 | 502.6 | 99.9 | 999.9 | 47.4 | 47. |
| 74.4 | 158.7 | 25000.1 | 25.0 | -54.2 | -59.9 | 999.9 | 99.9 | 99.9 | 99.9 | 629.1 | 629.1 | 99.9 | 999.9 | 46.7 | 46. |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
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ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 433
SALEM, ILLINOIS

25 APRIL 1982
515 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POI T DG K | E POI T DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 6.9 | 175.0 | 996.3 | 13.7 | 1.4 | 999.9 | 99.9 | 99.9 | 99.9 | 287.2 | 298.5 | 4.2 | 43.0 | 0.0 | 0 |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 287.2 | 298.5 | 99.9 | 99.9 | 0.0 | 0 |
| 0.6 | 9.0 | 358.2 | 975.0 | 16.1 | -2.0 | 999.9 | 99.9 | 99.9 | 99.9 | 291.4 | 300.7 | 3.4 | 28.8 | 999.9 | 999 |
| 1.4 | 11.7 | 578.1 | 950.0 | 14.3 | -2.1 | 999.9 | 99.9 | 99.9 | 99.9 | 291.7 | 301.2 | 3.4 | 22.2 | 999.9 | 999 |
| 2.1 | 14.3 | 802.3 | 925.0 | 12.3 | -1.4 | 999.9 | 99.9 | 99.9 | 99.9 | 291.9 | 302.8 | 3.7 | 38.7 | 1.0 | 13 |
| 2.9 | 17.0 | 1031.0 | 900.0 | 10.2 | -1.0 | 209.6 | 10.9 | 5.4 | 9.5 | 292.0 | 302.8 | 4.0 | 45.8 | 1.0 | 18 |
| 3.6 | 19.4 | 1264.6 | 875.0 | 8.0 | -1.7 | 210.3 | 12.4 | 6.3 | 10.7 | 292.2 | 302.8 | 3.9 | 50.0 | 2.0 | 22 |
| 4.4 | 22.7 | 1503.1 | 850.0 | 6.3 | -3.4 | 205.4 | 14.1 | 6.1 | 12.8 | 292.6 | 302.8 | 3.5 | 49.9 | 2.0 | 23 |
| 5.2 | 25.1 | 1747.1 | 825.0 | 4.8 | -5.1 | 196.7 | 15.8 | 4.6 | 15.2 | 293.6 | 302.5 | 3.2 | 48.8 | 3.0 | 23 |
| 6.1 | 27.9 | 1997.1 | 800.0 | 2.9 | -6.7 | 190.9 | 16.9 | 3.2 | 16.6 | 294.2 | 302.4 | 2.9 | 49.4 | 4.0 | 21 |
| 6.8 | 30.7 | 2253.6 | 775.0 | 1.6 | -8.7 | 197.9 | 18.6 | 5.0 | 15.8 | 295.6 | 300.1 | 1.9 | 34.2 | 4.0 | 19 |
| 7.7 | 33.4 | 2517.4 | 750.0 | 1.0 | -23.2 | 203.0 | 11.3 | 4.4 | 10.4 | 297.7 | 300.1 | 0.8 | 14.3 | 5.0 | 20 |
| 8.5 | 36.1 | 2789.3 | 725.0 | 0.6 | -23.3 | 200.9 | 8.5 | 3.0 | 7.9 | 300.2 | 314.0 | 4.0 | 14.7 | 6.0 | 20 |
| 9.5 | 39.0 | 3071.2 | 700.0 | 0.1 | -4.3 | 202.8 | 9.1 | 3.5 | 8.4 | 302.6 | 316.6 | 4.5 | 14.7 | 6.0 | 20 |
| 10.3 | 42.0 | 3362.3 | 675.0 | -1.7 | -3.2 | 202.8 | 8.6 | 3.3 | 7.9 | 303.8 | 316.6 | 4.1 | 14.7 | 7.0 | 20 |
| 11.3 | 44.9 | 3662.0 | 650.0 | -4.0 | -4.9 | 199.6 | 9.5 | 3.2 | 8.9 | 304.4 | 316.2 | 4.1 | 14.7 | 7.0 | 20 |
| 12.3 | 47.9 | 3970.4 | 625.0 | -6.1 | -10.4 | 197.0 | 10.7 | 3.1 | 10.2 | 305.5 | 313.8 | 2.8 | 14.4 | 8.0 | 20 |
| 13.3 | 50.9 | 4288.9 | 600.0 | -7.7 | -14.5 | 190.3 | 12.0 | 2.1 | 11.8 | 307.2 | 312.5 | 2.1 | 14.4 | 8.0 | 20 |
| 14.3 | 54.0 | 4619.6 | 575.0 | -8.9 | -25.9 | 176.7 | 11.9 | -0.7 | 11.8 | 309.6 | 312.2 | 0.8 | 14.4 | 8.0 | 20 |
| 15.3 | 57.1 | 4962.2 | 550.0 | -11.8 | -24.8 | 169.7 | 11.9 | -2.1 | 11.7 | 310.2 | 313.1 | 0.9 | 14.4 | 9.0 | 19 |
| 16.4 | 60.3 | 5316.6 | 525.0 | -15.0 | -24.0 | 170.5 | 12.2 | -2.0 | 12.0 | 310.4 | 313.7 | 1.0 | 14.4 | 10.0 | 15 |
| 17.5 | 63.5 | 5683.1 | 500.0 | -18.6 | -23.0 | 181.3 | 12.9 | 0.3 | 12.9 | 310.4 | 314.2 | 1.2 | 14.4 | 11.0 | 13 |
| 18.6 | 66.9 | 6065.2 | 475.0 | -19.7 | -20.7 | 199.5 | 15.7 | 5.2 | 14.8 | 313.7 | 318.6 | 1.5 | 14.4 | 12.0 | 13 |
| 19.9 | 70.1 | 6464.9 | 450.0 | -22.0 | -23.2 | 207.4 | 15.2 | 7.0 | 14.5 | 315.5 | 319.8 | 1.3 | 14.4 | 13.0 | 14 |
| 21.2 | 73.7 | 6883.2 | 425.0 | -24.9 | -26.8 | 206.4 | 16.1 | 7.2 | 14.5 | 317.2 | 320.4 | 1.0 | 14.4 | 14.0 | 15 |
| 22.6 | 77.3 | 7321.6 | 400.0 | -28.2 | -30.9 | 205.0 | 16.7 | 7.0 | 15.1 | 318.4 | 320.8 | 0.7 | 14.4 | 15.0 | 15 |
| 24.0 | 80.9 | 7781.4 | 375.0 | -31.8 | -35.0 | 204.8 | 15.4 | 5.5 | 14.0 | 319.5 | 321.2 | 0.5 | 14.4 | 16.0 | 15 |
| 25.7 | 84.7 | 8265.0 | 350.0 | -35.8 | -38.9 | 201.2 | 14.8 | 5.3 | 13.8 | 320.4 | 321.7 | 0.4 | 14.4 | 17.0 | 17 |
| 27.4 | 88.6 | 8775.5 | 325.0 | -40.3 | -43.9 | 202.4 | 13.1 | 5.0 | 12.2 | 321.2 | 321.7 | 99.9 | 14.4 | 18.0 | 17 |
| 29.2 | 92.7 | 9315.4 | 300.0 | -45.3 | -48.9 | 206.5 | 16.0 | 7.2 | 14.4 | 321.6 | 321.7 | 99.9 | 14.4 | 19.0 | 18 |
| 31.0 | 96.8 | 9889.9 | 275.0 | -50.2 | -53.9 | 206.8 | 18.1 | 9.1 | 16.1 | 322.6 | 321.7 | 99.9 | 14.4 | 20.0 | 19 |
| 33.3 | 101.3 | 10504.1 | 250.0 | -55.9 | -59.9 | 204.7 | 23.6 | 9.9 | 21.5 | 323.2 | 321.7 | 99.9 | 14.4 | 21.0 | 19 |
| 35.4 | 106.0 | 11167.9 | 225.0 | -60.8 | -64.9 | 218.3 | 24.4 | 15.2 | 19.2 | 326.8 | 321.7 | 99.9 | 14.4 | 22.0 | 20 |
| 37.9 | 111.0 | 11901.3 | 200.0 | -65.8 | -69.9 | 229.8 | 25.2 | 19.2 | 16.3 | 336.5 | 321.7 | 99.9 | 14.4 | 23.0 | 20 |
| 40.8 | 116.2 | 12737.2 | 175.0 | -70.8 | -74.9 | 237.8 | 21.2 | 18.0 | 11.3 | 352.7 | 321.7 | 99.9 | 14.4 | 24.0 | 21 |
| 44.1 | 122.0 | 13705.4 | 150.0 | -75.8 | -79.9 | 247.9 | 21.1 | 19.5 | 7.9 | 369.7 | 321.7 | 99.9 | 14.4 | 25.0 | 21 |
| 48.0 | 128.3 | 14858.2 | 125.0 | -80.8 | -84.9 | 262.6 | 17.3 | 17.1 | 2.2 | 390.2 | 321.7 | 99.9 | 14.4 | 26.0 | 21 |
| 52.7 | 135.3 | 16255.6 | 100.0 | -85.8 | -89.9 | 261.2 | 14.8 | 14.6 | 2.2 | 409.2 | 321.7 | 99.9 | 14.4 | 27.0 | 21 |
| 58.2 | 143.0 | 18032.1 | 75.0 | -90.8 | -94.9 | 267.2 | 11.7 | 11.7 | 0.6 | 443.2 | 321.7 | 99.9 | 14.4 | 28.0 | 21 |
| 65.6 | 151.3 | 20560.8 | 50.0 | -95.7 | -99.9 | 289.2 | 4.9 | 4.6 | -1.6 | 502.9 | 321.7 | 99.9 | 14.4 | 29.0 | 21 |
| 78.4 | 160.3 | 24960.1 | 25.0 | -104.1 | -109.9 | 16.1 | 3.4 | -0.9 | -3.2 | 629.5 | 321.7 | 99.9 | 14.4 | 30.0 | 21 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
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OF POOR QUALITY

ORIGINAL PART 10
OF POOR QUALITY

STATION NO. 451
DODGE CITY, KANSAS
24 APRIL 1982
1415 GMT

| TIME MIN | ONTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RAI-SE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|--------------|----------|
| 0.0 | 16.0 | 791.0 | 921.0 | 10.9 | 4.5 | 170.0 | 7.2 | -1.3 | 7.1 | 290.5 | 305.9 | 5.8 | 88.0 | 0.0 | 0 |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.6 | 18.3 | 982.7 | 900.0 | 8.7 | 3.5 | 195.5 | 13.9 | 3.7 | 13.3 | 290.5 | 305.1 | 5.5 | 69.8 | 0.5 | 357 |
| 1.2 | 21.1 | 1215.6 | 875.0 | 8.0 | 4.0 | 203.5 | 15.0 | 6.0 | 13.8 | 292.1 | 307.8 | 5.8 | 75.4 | 1.0 | 9 |
| 2.0 | 23.9 | 1454.2 | 850.0 | 5.8 | 3.1 | 208.2 | 15.3 | 7.2 | 13.5 | 292.2 | 307.8 | 5.8 | 85.7 | 1.7 | 17 |
| 2.8 | 26.7 | 1698.1 | 825.0 | 4.2 | 3.1 | 197.9 | 16.1 | 4.9 | 15.3 | 293.1 | 308.7 | 5.8 | 92.4 | 2.4 | 20 |
| 3.7 | 29.6 | 1949.4 | 800.0 | 4.5 | 0.7 | 192.9 | 17.5 | 4.9 | 17.1 | 295.9 | 309.8 | 5.1 | 92.4 | 3.3 | 17 |
| 4.5 | 32.4 | 2207.7 | 775.0 | 3.4 | -0.9 | 199.9 | 16.0 | 3.5 | 15.0 | 297.5 | 310.3 | 4.6 | 75.7 | 4.2 | 17 |
| 5.4 | 35.3 | 2473.7 | 750.0 | 3.1 | -1.3 | 193.4 | 12.4 | 2.9 | 12.1 | 297.5 | 313.0 | 4.6 | 72.9 | 5.0 | 18 |
| 6.4 | 38.2 | 2749.4 | 725.0 | 3.5 | -2.8 | 189.1 | 13.6 | 2.2 | 13.4 | 303.3 | 315.6 | 4.3 | 63.6 | 5.8 | 17 |
| 7.1 | 41.1 | 3033.1 | 700.0 | 1.2 | -8.6 | 193.6 | 16.7 | 3.9 | 16.3 | 303.9 | 312.2 | 2.8 | 47.6 | 6.4 | 16 |
| 8.0 | 44.1 | 3324.6 | 675.0 | -1.0 | -14.7 | 192.6 | 15.5 | 3.4 | 15.2 | 304.5 | 310.0 | 1.8 | 34.4 | 7.2 | 16 |
| 8.9 | 47.1 | 3624.7 | 650.0 | -2.9 | -22.6 | 185.0 | 16.1 | 1.4 | 16.0 | 305.7 | 308.7 | 1.0 | 20.1 | 8.1 | 15 |
| 9.9 | 50.3 | 3934.2 | 625.0 | -5.0 | -25.7 | 177.1 | 16.5 | -0.8 | 16.4 | 308.7 | 309.1 | 0.8 | 17.9 | 9.0 | 14 |
| 10.8 | 53.4 | 4254.1 | 600.0 | -6.7 | -27.4 | 169.9 | 16.3 | -2.3 | 18.1 | 308.7 | 310.6 | 0.7 | 17.2 | 9.9 | 12 |
| 11.9 | 56.5 | 4584.7 | 575.0 | -9.2 | -29.5 | 169.9 | 16.6 | -2.9 | 18.3 | 309.2 | 311.1 | 0.5 | 17.3 | 10.8 | 10 |
| 12.1 | 59.8 | 4926.8 | 550.0 | -12.0 | -31.8 | 172.6 | 16.4 | -2.1 | 18.3 | 309.2 | 311.5 | 0.5 | 17.4 | 12.0 | 8 |
| 13.5 | 63.0 | 5281.3 | 525.0 | -13.8 | -33.2 | 175.3 | 17.2 | -1.4 | 17.1 | 311.9 | 313.3 | 0.4 | 17.5 | 13.1 | 7 |
| 14.5 | 66.4 | 5649.4 | 500.0 | -17.4 | -35.4 | 174.0 | 17.5 | -1.8 | 17.4 | 311.9 | 313.3 | 0.4 | 17.5 | 14.4 | 6 |
| 15.7 | 69.6 | 6031.0 | 475.0 | -20.9 | -37.2 | 177.7 | 18.3 | -0.7 | 18.3 | 312.1 | 313.2 | 0.3 | 19.0 | 15.6 | 5 |
| 16.0 | 73.3 | 6428.7 | 450.0 | -23.2 | -40.1 | 189.9 | 19.9 | 3.4 | 19.6 | 314.1 | 315.0 | 0.3 | 21.4 | 17.1 | 5 |
| 19.3 | 78.9 | 6844.9 | 425.0 | -26.1 | -43.0 | 194.4 | 21.8 | 5.4 | 21.1 | 315.5 | 316.8 | 0.4 | 35.2 | 18.7 | 5 |
| 20.8 | 80.5 | 7280.6 | 400.0 | -29.5 | -47.9 | 190.5 | 21.5 | 3.9 | 23.6 | 316.7 | 318.0 | 0.4 | 44.2 | 20.6 | 5 |
| 22.2 | 84.3 | 7738.1 | 375.0 | -33.1 | -49.6 | 191.8 | 24.1 | 4.9 | 23.6 | 317.9 | 318.7 | 0.2 | 44.2 | 22.5 | 7 |
| 23.7 | 88.2 | 8219.2 | 350.0 | -37.1 | -47.7 | 186.3 | 23.4 | 2.6 | 23.2 | 318.7 | 319.2 | 0.1 | 44.2 | 24.6 | 7 |
| 25.4 | 92.2 | 8726.8 | 325.0 | -41.1 | -49.9 | 178.9 | 23.9 | -0.5 | 23.9 | 320.0 | 319.2 | 0.1 | 44.2 | 27.0 | 6 |
| 27.3 | 96.3 | 9265.9 | 300.0 | -45.0 | -50.9 | 175.7 | 23.4 | -1.6 | 23.4 | 321.9 | 319.9 | 99.9 | 99.9 | 29.6 | 5 |
| 29.2 | 100.7 | 9842.8 | 275.0 | -48.4 | -50.3 | 181.3 | 22.3 | 0.5 | 22.3 | 325.2 | 319.9 | 99.9 | 99.9 | 32.4 | 5 |
| 31.4 | 105.2 | 10466.0 | 250.0 | -51.3 | -50.9 | 184.0 | 20.5 | 1.4 | 20.5 | 329.9 | 319.9 | 99.9 | 99.9 | 35.0 | 5 |
| 33.4 | 110.0 | 11147.8 | 225.0 | -53.7 | -50.9 | 191.9 | 18.2 | 3.8 | 17.8 | 336.2 | 319.9 | 99.9 | 99.9 | 37.6 | 5 |
| 35.9 | 115.2 | 11908.4 | 200.0 | -53.2 | -50.9 | 197.7 | 13.6 | 4.1 | 12.9 | 348.5 | 319.9 | 99.9 | 99.9 | 39.6 | 5 |
| 38.5 | 120.6 | 12784.3 | 175.0 | -54.9 | -50.9 | 215.5 | 17.4 | 10.1 | 14.1 | 359.4 | 319.9 | 99.9 | 99.9 | 42.0 | 5 |
| 41.7 | 126.5 | 13759.1 | 150.0 | -52.1 | -50.9 | 247.5 | 13.9 | 12.8 | 5.3 | 380.3 | 319.9 | 99.9 | 99.9 | 43.9 | 9 |
| 45.3 | 133.0 | 14932.0 | 125.0 | -53.7 | -50.9 | 255.9 | 13.7 | 13.3 | 2.3 | 397.7 | 319.9 | 99.9 | 99.9 | 45.5 | 12 |
| 49.8 | 140.2 | 16353.0 | 100.0 | -56.7 | -50.9 | 261.2 | 14.9 | 14.7 | 2.3 | 450.9 | 319.9 | 99.9 | 99.9 | 49.0 | 21 |
| 54.7 | 148.0 | 18171.0 | 75.0 | -58.2 | -50.9 | 262.5 | 13.3 | 13.2 | 1.7 | 450.9 | 319.9 | 99.9 | 99.9 | 50.1 | 23 |
| 61.7 | 157.3 | 20734.0 | 50.0 | -55.9 | -50.9 | 305.5 | 4.7 | 3.8 | -2.7 | 511.8 | 319.9 | 99.9 | 99.9 | 50.1 | 23 |
| 72.0 | 167.0 | 25177.3 | 25.0 | -52.1 | -50.9 | 999.9 | 99.9 | 99.9 | 99.9 | 634.8 | 319.9 | 99.9 | 99.9 | 49.2 | 23 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 ** BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
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ORIGINAL PAGE IS
OF POOR QUALITY

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | FOT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 15.3 | 791.0 | 920.0 | 15.6 | 7.1 | 99.9 | 99.9 | 99.9 | 99.9 | 295.7 | 314.4 | 6.9 | 57.0 | 0.0 | 0.0 |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.5 | 17.4 | 976.2 | 900.0 | 11.5 | 4.1 | 99.9 | 99.9 | 99.9 | 99.9 | 293.4 | 308.8 | 5.7 | 60.6 | 0.0 | 0.0 |
| 1.2 | 20.0 | 1210.7 | 875.0 | 9.0 | 3.6 | 99.9 | 99.9 | 99.9 | 99.9 | 293.3 | 309.0 | 5.8 | 70.9 | 0.0 | 0.0 |
| 1.7 | 22.6 | 1450.2 | 850.0 | 6.8 | 1.7 | 99.9 | 99.9 | 99.9 | 99.9 | 293.3 | 309.0 | 5.8 | 70.9 | 0.0 | 0.0 |
| 2.4 | 25.1 | 1894.7 | 825.0 | 4.6 | -0.3 | 99.9 | 99.9 | 99.9 | 99.9 | 293.3 | 309.0 | 5.8 | 70.9 | 0.0 | 0.0 |
| 3.2 | 27.8 | 1944.9 | 800.0 | 3.1 | -0.7 | 99.9 | 99.9 | 99.9 | 99.9 | 293.3 | 309.0 | 5.8 | 70.9 | 0.0 | 0.0 |
| 4.0 | 30.4 | 2408.4 | 775.0 | 2.2 | -0.7 | 99.9 | 99.9 | 99.9 | 99.9 | 293.3 | 309.0 | 5.8 | 70.9 | 0.0 | 0.0 |
| 5.0 | 33.1 | 2741.2 | 725.0 | 0.6 | -1.8 | 99.9 | 99.9 | 99.9 | 99.9 | 293.3 | 309.0 | 5.8 | 70.9 | 0.0 | 0.0 |
| 6.2 | 35.9 | 3022.6 | 700.0 | -0.1 | -13.9 | 99.9 | 99.9 | 99.9 | 99.9 | 293.3 | 309.0 | 5.8 | 70.9 | 0.0 | 0.0 |
| 7.1 | 38.7 | 3312.7 | 675.0 | -2.1 | -15.4 | 99.9 | 99.9 | 99.9 | 99.9 | 293.3 | 309.0 | 5.8 | 70.9 | 0.0 | 0.0 |
| 8.0 | 41.4 | 3611.3 | 650.0 | -4.6 | -18.2 | 99.9 | 99.9 | 99.9 | 99.9 | 293.3 | 309.0 | 5.8 | 70.9 | 0.0 | 0.0 |
| 9.0 | 44.3 | 3918.9 | 625.0 | -6.4 | -25.5 | 99.9 | 99.9 | 99.9 | 99.9 | 293.3 | 309.0 | 5.8 | 70.9 | 0.0 | 0.0 |
| 9.8 | 47.1 | 4236.5 | 600.0 | -9.1 | -30.3 | 99.9 | 99.9 | 99.9 | 99.9 | 293.3 | 309.0 | 5.8 | 70.9 | 0.0 | 0.0 |
| 10.8 | 50.1 | 4584.4 | 575.0 | -11.4 | -34.1 | 99.9 | 99.9 | 99.9 | 99.9 | 293.3 | 309.0 | 5.8 | 70.9 | 0.0 | 0.0 |
| 11.9 | 53.1 | 4903.8 | 550.0 | -13.8 | -38.1 | 99.9 | 99.9 | 99.9 | 99.9 | 293.3 | 309.0 | 5.8 | 70.9 | 0.0 | 0.0 |
| 13.0 | 56.1 | 5254.9 | 525.0 | -17.1 | -41.3 | 99.9 | 99.9 | 99.9 | 99.9 | 293.3 | 309.0 | 5.8 | 70.9 | 0.0 | 0.0 |
| 14.3 | 59.3 | 5618.4 | 500.0 | -20.5 | -44.4 | 99.9 | 99.9 | 99.9 | 99.9 | 293.3 | 309.0 | 5.8 | 70.9 | 0.0 | 0.0 |
| 15.4 | 62.5 | 5996.9 | 475.0 | -22.3 | -46.4 | 99.9 | 99.9 | 99.9 | 99.9 | 293.3 | 309.0 | 5.8 | 70.9 | 0.0 | 0.0 |
| 16.6 | 65.6 | 6391.4 | 450.0 | -25.6 | -49.4 | 99.9 | 99.9 | 99.9 | 99.9 | 293.3 | 309.0 | 5.8 | 70.9 | 0.0 | 0.0 |
| 18.1 | 68.9 | 6804.2 | 425.0 | -30.8 | -52.4 | 99.9 | 99.9 | 99.9 | 99.9 | 293.3 | 309.0 | 5.8 | 70.9 | 0.0 | 0.0 |
| 19.6 | 72.3 | 7237.7 | 400.0 | -37.8 | -55.4 | 99.9 | 99.9 | 99.9 | 99.9 | 293.3 | 309.0 | 5.8 | 70.9 | 0.0 | 0.0 |
| 21.0 | 75.6 | 7691.9 | 375.0 | -41.3 | -58.3 | 99.9 | 99.9 | 99.9 | 99.9 | 293.3 | 309.0 | 5.8 | 70.9 | 0.0 | 0.0 |
| 22.5 | 79.1 | 8170.2 | 350.0 | -44.4 | -61.3 | 99.9 | 99.9 | 99.9 | 99.9 | 293.3 | 309.0 | 5.8 | 70.9 | 0.0 | 0.0 |
| 23.8 | 82.9 | 8677.2 | 325.0 | -47.0 | -64.4 | 99.9 | 99.9 | 99.9 | 99.9 | 293.3 | 309.0 | 5.8 | 70.9 | 0.0 | 0.0 |
| 25.3 | 86.7 | 9217.0 | 300.0 | -49.4 | -67.4 | 99.9 | 99.9 | 99.9 | 99.9 | 293.3 | 309.0 | 5.8 | 70.9 | 0.0 | 0.0 |
| 26.9 | 90.7 | 9796.7 | 275.0 | -52.4 | -70.4 | 99.9 | 99.9 | 99.9 | 99.9 | 293.3 | 309.0 | 5.8 | 70.9 | 0.0 | 0.0 |
| 28.9 | 94.8 | 10422.7 | 250.0 | -55.4 | -73.4 | 99.9 | 99.9 | 99.9 | 99.9 | 293.3 | 309.0 | 5.8 | 70.9 | 0.0 | 0.0 |
| 30.7 | 99.2 | 11109.2 | 225.0 | -58.3 | -76.4 | 99.9 | 99.9 | 99.9 | 99.9 | 293.3 | 309.0 | 5.8 | 70.9 | 0.0 | 0.0 |
| 32.7 | 104.0 | 11899.1 | 200.0 | -61.3 | -79.4 | 99.9 | 99.9 | 99.9 | 99.9 | 293.3 | 309.0 | 5.8 | 70.9 | 0.0 | 0.0 |
| 34.8 | 108.8 | 12731.2 | 175.0 | -64.4 | -82.4 | 99.9 | 99.9 | 99.9 | 99.9 | 293.3 | 309.0 | 5.8 | 70.9 | 0.0 | 0.0 |
| 37.3 | 114.2 | 13755.0 | 150.0 | -67.4 | -85.4 | 99.9 | 99.9 | 99.9 | 99.9 | 293.3 | 309.0 | 5.8 | 70.9 | 0.0 | 0.0 |
| 40.1 | 120.2 | 14899.3 | 125.0 | -70.4 | -88.4 | 99.9 | 99.9 | 99.9 | 99.9 | 293.3 | 309.0 | 5.8 | 70.9 | 0.0 | 0.0 |
| 43.3 | 126.7 | 16322.7 | 100.0 | -73.4 | -91.4 | 99.9 | 99.9 | 99.9 | 99.9 | 293.3 | 309.0 | 5.8 | 70.9 | 0.0 | 0.0 |
| 47.2 | 134.0 | 18142.6 | 75.0 | -76.4 | -94.4 | 99.9 | 99.9 | 99.9 | 99.9 | 293.3 | 309.0 | 5.8 | 70.9 | 0.0 | 0.0 |
| 52.2 | 142.7 | 20688.3 | 50.0 | -79.4 | -97.4 | 99.9 | 99.9 | 99.9 | 99.9 | 293.3 | 309.0 | 5.8 | 70.9 | 0.0 | 0.0 |
| 58.7 | 152.3 | 25117.4 | 25.0 | -82.4 | -100.4 | 99.9 | 99.9 | 99.9 | 99.9 | 293.3 | 309.0 | 5.8 | 70.9 | 0.0 | 0.0 |
| 68.8 | 163.0 | | | | | 99.9 | 99.9 | 99.9 | 99.9 | 293.3 | 309.0 | 5.8 | 70.9 | 0.0 | 0.0 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
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ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 451
DODGE CITY, KANSAS
24 APRIL 1982
2015 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE NM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 14.6 | 791.0 | 917.9 | 18.3 | 7.7 | 170.0 | 9.3 | -1.6 | 9.2 | 298.7 | 318.4 | 7.2 | 50.0 | 0.0 | 0 |
| 99.9 | 99.9 | 1000.0 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 0.4 | 16.4 | 959.0 | 900.0 | 15.6 | 5.5 | 163.8 | 11.6 | -3.2 | 11.1 | 292.6 | 314.5 | 6.3 | 50.8 | 0.4 | 346 |
| 1.0 | 18.9 | 1197.1 | 875.0 | 12.9 | 4.4 | 166.0 | 13.4 | -3.2 | 13.0 | 297.1 | 313.6 | 6.0 | 56.3 | 0.7 | 345 |
| 1.4 | 21.3 | 1440.1 | 850.0 | 10.9 | 4.3 | 168.3 | 13.9 | -2.8 | 13.7 | 297.5 | 314.3 | 6.1 | 63.7 | 1.1 | 346 |
| 1.9 | 23.9 | 1687.9 | 825.0 | 8.0 | 3.9 | 173.4 | 12.8 | -1.5 | 12.7 | 297.1 | 313.9 | 6.2 | 75.5 | 1.5 | 347 |
| 2.5 | 26.4 | 1941.3 | 800.0 | 5.7 | 3.0 | 179.0 | 13.3 | -0.2 | 13.3 | 297.2 | 313.5 | 6.0 | 83.0 | 2.0 | 349 |
| 3.5 | 28.0 | 2200.3 | 775.0 | 3.4 | 1.0 | 184.9 | 15.0 | 1.3 | 15.0 | 297.5 | 312.1 | 5.3 | 84.1 | 2.8 | 353 |
| 4.9 | 31.7 | 2456.3 | 750.0 | 2.9 | -7.3 | 193.3 | 15.8 | 3.6 | 15.4 | 299.7 | 308.3 | 3.0 | 47.1 | 4.1 | 359 |
| 6.1 | 34.3 | 2740.0 | 725.0 | 1.2 | -8.8 | 196.7 | 13.7 | 3.9 | 13.1 | 300.8 | 308.1 | 2.5 | 43.6 | 5.2 | 362 |
| 7.3 | 37.0 | 3021.2 | 700.0 | -0.5 | -10.9 | 212.5 | 13.9 | 7.5 | 11.7 | 301.9 | 308.9 | 2.4 | 45.3 | 6.0 | 365 |
| 8.3 | 39.8 | 3310.9 | 675.0 | -2.7 | -13.0 | 214.2 | 14.5 | 8.1 | 12.0 | 302.6 | 308.6 | 2.1 | 44.9 | 6.7 | 367 |
| 9.3 | 42.7 | 3609.0 | 650.0 | -4.8 | -16.1 | 201.2 | 14.8 | 5.3 | 12.4 | 303.5 | 308.6 | 1.7 | 40.8 | 7.6 | 369 |
| 10.2 | 45.7 | 3916.6 | 625.0 | -6.7 | -18.5 | 193.6 | 14.4 | 3.4 | 14.0 | 304.8 | 309.1 | 1.4 | 38.3 | 8.4 | 372 |
| 11.4 | 48.8 | 4233.8 | 600.0 | -9.3 | -20.9 | 188.1 | 13.7 | 1.9 | 13.9 | 305.4 | 309.2 | 1.2 | 38.1 | 9.4 | 375 |
| 12.8 | 52.0 | 4561.1 | 575.0 | -12.0 | -23.5 | 182.2 | 15.0 | 0.6 | 14.9 | 305.9 | 309.0 | 1.0 | 37.6 | 10.6 | 377 |
| 14.5 | 55.3 | 4899.5 | 550.0 | -15.0 | -27.6 | 183.3 | 15.9 | 0.9 | 15.8 | 306.4 | 308.7 | 0.7 | 33.1 | 12.1 | 380 |
| 16.0 | 58.6 | 5249.8 | 525.0 | -17.5 | -30.9 | 176.1 | 16.7 | -1.1 | 16.6 | 307.4 | 309.2 | 0.5 | 29.7 | 13.6 | 383 |
| 17.4 | 62.0 | 5613.3 | 500.0 | -20.6 | -34.6 | 167.9 | 16.9 | -3.6 | 16.5 | 308.0 | 309.2 | 0.4 | 26.9 | 14.9 | 386 |
| 18.6 | 65.6 | 5990.9 | 475.0 | -23.2 | -37.7 | 167.7 | 16.2 | -4.8 | 15.4 | 308.2 | 310.5 | 0.4 | 20.5 | 16.0 | 389 |
| 19.9 | 69.2 | 6384.4 | 450.0 | -26.7 | -41.5 | 153.5 | 13.6 | -6.1 | 12.2 | 310.3 | 311.4 | 0.3 | 32.2 | 17.1 | 392 |
| 21.6 | 73.0 | 6794.4 | 425.0 | -29.7 | -45.4 | 154.2 | 17.2 | -5.9 | 12.3 | 310.9 | 311.7 | 0.2 | 30.4 | 18.2 | 395 |
| 23.4 | 77.0 | 7223.7 | 400.0 | -32.9 | -48.8 | 154.1 | 21.2 | -6.4 | 16.0 | 312.2 | 312.8 | 0.2 | 27.2 | 19.7 | 398 |
| 25.1 | 81.2 | 7675.1 | 375.0 | -35.5 | -51.1 | 156.5 | 23.0 | -9.3 | 19.1 | 314.6 | 315.1 | 0.1 | 24.0 | 21.5 | 401 |
| 26.9 | 85.6 | 8152.2 | 350.0 | -38.4 | -51.1 | 156.5 | 23.0 | -10.8 | 21.6 | 317.0 | 317.4 | 0.1 | 24.5 | 23.9 | 404 |
| 28.9 | 90.2 | 8658.0 | 325.0 | -41.9 | 99.9 | 153.4 | 24.2 | -7.8 | 21.4 | 318.9 | 999.9 | 99.9 | 999.9 | 26.3 | 407 |
| 31.0 | 95.0 | 9198.8 | 300.0 | -42.4 | 99.9 | 160.8 | 23.7 | -3.1 | 22.4 | 325.7 | 999.9 | 99.9 | 999.9 | 28.5 | 410 |
| 33.2 | 100.0 | 9786.6 | 275.0 | -43.5 | 99.9 | 165.5 | 16.7 | -3.1 | 16.4 | 327.3 | 999.9 | 99.9 | 999.9 | 32.2 | 413 |
| 35.5 | 105.4 | 10424.5 | 250.0 | -48.2 | 99.9 | 165.5 | 16.7 | -1.3 | 13.3 | 327.3 | 999.9 | 99.9 | 999.9 | 34.0 | 416 |
| 37.8 | 111.0 | 11122.8 | 225.0 | -48.2 | 99.9 | 174.4 | 13.4 | 0.1 | 13.3 | 337.5 | 999.9 | 99.9 | 999.9 | 36.0 | 419 |
| 40.5 | 117.2 | 11893.3 | 200.0 | -49.9 | 99.9 | 180.6 | 14.3 | 8.3 | 10.9 | 344.6 | 999.9 | 99.9 | 999.9 | 38.1 | 422 |
| 43.5 | 123.7 | 12766.3 | 175.0 | -50.4 | 99.9 | 224.7 | 13.0 | 9.1 | 9.2 | 353.8 | 999.9 | 99.9 | 999.9 | 39.4 | 425 |
| 46.6 | 130.7 | 13771.4 | 150.0 | -50.8 | 99.9 | 246.1 | 12.8 | 11.7 | 5.2 | 366.8 | 999.9 | 99.9 | 999.9 | 40.7 | 428 |
| 50.6 | 138.0 | 14953.2 | 125.0 | -52.2 | 99.9 | 249.1 | 14.2 | 13.8 | 5.1 | 400.6 | 999.9 | 99.9 | 999.9 | 43.2 | 431 |
| 54.5 | 145.7 | 16381.7 | 100.0 | -56.8 | 99.9 | 255.6 | 15.3 | 14.8 | 3.8 | 418.0 | 999.9 | 99.9 | 999.9 | 44.9 | 434 |
| 60.0 | 153.7 | 18208.7 | 75.0 | -56.6 | 99.9 | 263.7 | 12.9 | 12.8 | 1.4 | 454.3 | 999.9 | 99.9 | 999.9 | 46.3 | 437 |
| 67.4 | 162.3 | 20772.1 | 50.0 | -55.7 | 99.9 | 233.7 | 4.6 | -3.6 | 2.7 | 512.3 | 999.9 | 99.9 | 999.9 | 48.3 | 440 |
| 79.3 | 171.0 | 25230.8 | 25.0 | -49.0 | 99.9 | 131.7 | 2.9 | -2.2 | 1.9 | 643.9 | 999.9 | 99.9 | 999.9 | 46.7 | 443 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

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OF POOR QUALITY

STATION NO. 451
DODGE CITY, KANSAS
25 APRIL 1982
215 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E FDT T DG K | MX RTQ GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0 | 15.4 | 791.0 | 917.2 | 11.7 | 7.4 | 150.0 | 3.6 | -1.8 | 3.1 | 292.0 | 310.8 | 7.1 | 75.0 | 0.0 | 0 |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999 |
| 99.9 | 99.9 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999 |
| 99.9 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999 |
| 0.6 | 17.0 | 949.0 | 900.0 | 10.1 | 2.6 | 153.3 | 11.9 | -5.3 | 10.6 | 292.0 | 311.5 | 7.4 | 85.1 | 0.0 | 3329 |
| 1.5 | 19.6 | 1183.2 | 875.0 | 8.1 | 5.5 | 161.4 | 13.2 | -4.2 | 12.5 | 292.0 | 310.3 | 6.5 | 79.7 | 1.0 | 334 |
| 2.2 | 22.1 | 1423.3 | 850.0 | 8.1 | 2.6 | 164.9 | 11.5 | -3.0 | 11.1 | 294.6 | 309.4 | 5.4 | 68.1 | 1.0 | 338 |
| 2.9 | 24.7 | 1669.4 | 825.0 | 6.5 | 0.7 | 159.1 | 7.2 | -2.6 | 6.7 | 295.5 | 309.0 | 4.9 | 66.5 | 2.0 | 339 |
| 3.7 | 27.3 | 1922.1 | 800.0 | 5.3 | -3.1 | 179.3 | 4.9 | -0.0 | 3.7 | 298.2 | 308.9 | 3.8 | 49.7 | 2.0 | 342 |
| 4.5 | 30.0 | 2182.4 | 775.0 | 3.0 | -3.6 | 213.7 | 6.7 | 3.6 | 4.1 | 299.6 | 310.2 | 4.4 | 52.4 | 2.0 | 348 |
| 5.4 | 32.6 | 2448.5 | 750.0 | 0.1 | -2.1 | 215.2 | 5.5 | 2.7 | 5.4 | 299.9 | 310.2 | 4.4 | 59.0 | 2.0 | 353 |
| 6.2 | 35.3 | 2723.0 | 725.0 | 0.1 | -1.6 | 218.3 | 5.6 | 4.0 | 5.1 | 299.6 | 312.8 | 4.5 | 88.6 | 2.0 | 359 |
| 7.2 | 38.0 | 3003.4 | 700.0 | -2.2 | -2.5 | 242.8 | 4.3 | 5.0 | 2.6 | 300.1 | 312.8 | 4.5 | 91.8 | 2.0 | 359 |
| 8.2 | 40.8 | 3291.8 | 675.0 | -4.1 | -5.2 | 265.7 | 4.3 | 4.3 | 0.3 | 301.1 | 312.1 | 2.8 | 91.8 | 2.0 | 359 |
| 9.2 | 43.6 | 3586.8 | 650.0 | -6.2 | -9.9 | 279.4 | 2.7 | 2.7 | -0.4 | 302.0 | 309.2 | 2.1 | 75.0 | 2.0 | 359 |
| 10.3 | 46.4 | 3894.8 | 625.0 | -8.3 | -14.0 | 303.4 | 1.9 | 1.6 | -1.0 | 303.0 | 308.8 | 1.7 | 63.1 | 2.0 | 359 |
| 11.4 | 49.3 | 4210.4 | 600.0 | -10.8 | -16.9 | 321.7 | 1.5 | 1.0 | -1.3 | 304.9 | 307.8 | 0.9 | 60.5 | 2.0 | 359 |
| 12.6 | 52.2 | 4536.5 | 575.0 | -12.9 | -24.4 | 357.4 | 2.7 | 0.1 | -2.5 | 305.1 | 307.8 | 0.9 | 57.2 | 2.0 | 359 |
| 13.6 | 55.2 | 4872.6 | 550.0 | -16.0 | -25.0 | 19.2 | 2.7 | -0.9 | -2.6 | 306.3 | 307.5 | 0.4 | 45.6 | 2.0 | 359 |
| 14.7 | 58.3 | 5222.4 | 525.0 | -18.4 | -34.9 | 12.7 | 1.9 | -0.4 | -1.9 | 306.3 | 307.5 | 0.2 | 21.7 | 2.0 | 359 |
| 16.2 | 61.4 | 5584.6 | 500.0 | -20.9 | -40.0 | 288.0 | 2.4 | 2.3 | -0.8 | 307.2 | 308.3 | 0.2 | 16.1 | 2.0 | 359 |
| 17.8 | 64.5 | 5961.7 | 475.0 | -23.2 | -42.2 | 242.1 | 7.1 | 6.3 | 3.3 | 308.2 | 308.3 | 0.2 | 15.5 | 2.0 | 359 |
| 19.2 | 67.8 | 6356.2 | 450.0 | -25.5 | -43.6 | 245.6 | 12.3 | 11.2 | 5.1 | 311.2 | 311.8 | 0.2 | 15.3 | 2.0 | 359 |
| 20.4 | 71.1 | 6768.2 | 425.0 | -28.8 | -39.7 | 251.4 | 15.2 | 14.4 | 4.9 | 312.1 | 313.1 | 0.3 | 15.3 | 2.0 | 359 |
| 21.5 | 74.6 | 7198.7 | 400.0 | -32.9 | -39.2 | 243.5 | 16.6 | 14.9 | 7.4 | 312.3 | 313.4 | 0.3 | 15.3 | 2.0 | 359 |
| 23.1 | 78.1 | 7649.3 | 375.0 | -36.9 | -41.3 | 236.2 | 17.5 | 14.5 | 9.7 | 312.8 | 313.7 | 0.3 | 15.3 | 2.0 | 359 |
| 24.8 | 81.8 | 8122.2 | 350.0 | -41.5 | -41.3 | 233.6 | 17.9 | 14.4 | 10.7 | 312.8 | 313.7 | 0.3 | 15.3 | 2.0 | 359 |
| 26.4 | 85.7 | 8620.2 | 325.0 | -45.9 | -45.9 | 233.2 | 18.2 | 15.3 | 9.8 | 313.4 | 313.7 | 0.3 | 15.3 | 2.0 | 359 |
| 28.5 | 89.6 | 9150.5 | 300.0 | -45.5 | -45.5 | 233.2 | 9.5 | 15.3 | 5.7 | 321.3 | 313.7 | 0.3 | 15.3 | 2.0 | 359 |
| 30.6 | 93.8 | 9731.9 | 275.0 | -45.4 | -45.4 | 220.2 | 4.2 | 2.8 | 3.3 | 329.4 | 313.7 | 0.3 | 15.3 | 2.0 | 359 |
| 33.0 | 98.2 | 10384.7 | 250.0 | -47.7 | -47.7 | 215.8 | 6.2 | 2.7 | 5.1 | 335.2 | 313.7 | 0.3 | 15.3 | 2.0 | 359 |
| 35.7 | 102.8 | 11056.6 | 225.0 | -50.0 | -49.9 | 230.6 | 9.8 | 7.6 | 6.2 | 342.0 | 313.7 | 0.3 | 15.3 | 2.0 | 359 |
| 38.8 | 107.8 | 11826.8 | 200.0 | -50.3 | -49.9 | 265.2 | 7.5 | 7.4 | 0.6 | 353.1 | 313.7 | 0.3 | 15.3 | 2.0 | 359 |
| 41.8 | 113.0 | 12691.8 | 175.0 | -52.1 | -49.9 | 265.7 | 11.0 | 10.4 | 3.6 | 363.9 | 313.7 | 0.3 | 15.3 | 2.0 | 359 |
| 45.4 | 119.0 | 13689.2 | 150.0 | -51.8 | -49.9 | 261.9 | 12.5 | 12.3 | 1.8 | 380.8 | 313.7 | 0.3 | 15.3 | 2.0 | 359 |
| 49.5 | 125.5 | 14866.5 | 125.0 | -54.5 | -49.9 | 254.6 | 12.0 | 11.6 | 3.2 | 396.3 | 313.7 | 0.3 | 15.3 | 2.0 | 359 |
| 54.4 | 132.7 | 16275.2 | 100.0 | -58.6 | -49.9 | 268.3 | 14.4 | 14.4 | 0.4 | 414.6 | 313.7 | 0.3 | 15.3 | 2.0 | 359 |
| 59.7 | 141.0 | 18079.7 | 75.0 | -59.6 | -49.9 | 257.6 | 11.2 | 10.9 | 2.4 | 448.0 | 313.7 | 0.3 | 15.3 | 2.0 | 359 |
| 67.8 | 150.3 | 20608.1 | 50.0 | -59.8 | -49.9 | 275.6 | 3.5 | 3.5 | -0.3 | 502.8 | 313.7 | 0.3 | 15.3 | 2.0 | 359 |
| 99.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE 13
OF POOR QUALITY

STATION NO. 121
DODGE CITY, KANSAS
25 APRIL 1964
515 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | WX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 15.0 | 791.0 | 917.7 | 11.1 | 9.3 | 160.0 | 4.1 | -1.4 | 3.9 | 291.3 | 311.2 | 7.5 | 83.0 | 0.0 | 0 |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999 |
| 99.9 | 99.9 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999 |
| 99.9 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999 |
| 0.5 | 15.9 | 953.7 | 900.0 | 8.4 | 7.9 | 99.9 | 99.9 | 99.9 | 99.9 | 290.2 | 309.7 | 7.5 | 98.6 | 99.9 | 999 |
| 1.2 | 19.4 | 1186.0 | 875.0 | 7.7 | 6.0 | 99.9 | 99.9 | 99.9 | 99.9 | 291.8 | 309.7 | 6.7 | 89.7 | 99.9 | 999 |
| 2.1 | 21.9 | 1426.0 | 850.0 | 9.0 | 2.5 | 99.9 | 99.9 | 99.9 | 99.9 | 295.6 | 310.4 | 5.4 | 83.5 | 1.0 | 349 |
| 3.0 | 24.8 | 1673.8 | 825.0 | 8.5 | 0.7 | 201.2 | 4.7 | 1.7 | 4.4 | 297.6 | 311.2 | 4.9 | 57.7 | 1.3 | 356 |
| 3.8 | 27.2 | 1927.5 | 800.0 | 6.8 | 0.0 | 215.2 | 3.1 | 1.8 | 2.5 | 298.4 | 311.8 | 4.8 | 62.1 | 1.4 | 359 |
| 4.8 | 29.9 | 2187.6 | 775.0 | 4.7 | -0.5 | 252.8 | 1.7 | 1.6 | 0.5 | 298.9 | 312.3 | 4.8 | 89.0 | 1.5 | 4 |
| 5.6 | 32.6 | 2454.4 | 750.0 | 2.7 | -0.4 | 12.4 | 1.5 | -0.3 | -1.5 | 299.5 | 312.4 | 5.0 | 80.2 | 1.5 | 4 |
| 8.5 | 35.3 | 2727.8 | 725.0 | 0.4 | -2.0 | 38.3 | 3.6 | -2.2 | -2.7 | 299.9 | 312.7 | 4.6 | 84.1 | 1.4 | 2 |
| 7.3 | 38.1 | 3006.7 | 700.0 | -1.6 | -8.2 | 51.5 | 4.4 | -2.4 | -2.7 | 300.7 | 312.7 | 2.9 | 80.4 | 1.3 | 355 |
| 8.7 | 40.9 | 3297.4 | 675.0 | -3.7 | -7.5 | 37.1 | 4.4 | -2.6 | -3.5 | 301.6 | 310.9 | 3.2 | 74.3 | 1.1 | 345 |
| 9.1 | 43.8 | 3594.8 | 650.0 | -5.6 | -11.8 | 20.5 | 4.4 | -2.6 | -4.1 | 302.6 | 309.6 | 2.4 | 61.6 | 1.0 | 336 |
| 10.1 | 46.8 | 3901.0 | 625.0 | -8.4 | -13.4 | 6.6 | 3.9 | -0.4 | -3.9 | 302.9 | 309.6 | 2.2 | 67.3 | 0.8 | 325 |
| 10.9 | 49.5 | 4216.5 | 600.0 | -11.2 | -13.0 | 339.8 | 3.5 | 1.2 | -3.2 | 303.2 | 310.1 | 2.2 | 86.5 | 0.8 | 317 |
| 12.0 | 52.4 | 4542.3 | 575.0 | -13.2 | -14.1 | 307.4 | 3.9 | 3.1 | -2.4 | 304.6 | 311.2 | 2.2 | 92.6 | 0.4 | 315 |
| 13.0 | 55.4 | 4880.0 | 550.0 | -14.9 | -14.8 | 99.9 | 99.9 | 99.9 | 99.9 | 306.5 | 309.8 | 1.1 | 18.8 | 0.2 | 336 |
| 14.2 | 58.5 | 5230.8 | 525.0 | -16.7 | -34.9 | 99.9 | 99.9 | 99.9 | 99.9 | 308.4 | 309.8 | 0.4 | 21.5 | 99.9 | 999 |
| 15.4 | 61.6 | 5595.0 | 500.0 | -20.1 | -35.5 | 99.9 | 99.9 | 99.9 | 99.9 | 308.6 | 308.7 | 0.3 | 21.5 | 99.9 | 999 |
| 16.6 | 64.8 | 99.9 | 475.0 | 99.9** | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999 |
| 17.8 | 68.1 | 99.9 | 450.0 | 99.9** | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999 |
| 19.0 | 71.4 | 99.9 | 425.0 | 99.9** | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999 |
| 20.3 | 74.9 | 99.9 | 400.0 | 99.9** | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999 |
| 21.5 | 78.3 | 99.9 | 375.0 | 99.9** | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999 |
| 22.9 | 82.0 | 99.9 | 350.0 | 99.9** | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999 |
| 24.3 | 85.7 | 99.9 | 325.0 | 99.9** | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999 |
| 25.7 | 89.7 | 99.9 | 300.0 | -43.3 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 317.1 | 99.9 | 99.9 | 99.9 | 99.9 | 999 |
| 27.2 | 93.7 | 99.9 | 275.0 | -48.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 317.5 | 99.9 | 99.9 | 99.9 | 99.9 | 999 |
| 29.2 | 98.0 | 99.9 | 250.0 | -54.4 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 329.5 | 99.9 | 99.9 | 99.9 | 99.9 | 999 |
| 31.4 | 102.5 | 99.9 | 225.0 | -7.5 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 325.5 | 99.9 | 99.9 | 99.9 | 99.9 | 999 |
| 33.4 | 107.2 | 99.9 | 200.0 | -48.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 343.8 | 99.9 | 99.9 | 99.9 | 99.9 | 999 |
| 35.6 | 112.2 | 99.9 | 175.0 | -50.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 352.6 | 99.9 | 99.9 | 99.9 | 99.9 | 999 |
| 38.5 | 117.8 | 99.9 | 150.0 | -52.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 363.0 | 99.9 | 99.9 | 99.9 | 99.9 | 999 |
| 41.6 | 124.0 | 99.9 | 125.0 | -50.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 382.5 | 99.9 | 99.9 | 99.9 | 99.9 | 999 |
| 44.9 | 130.7 | 99.9 | 100.0 | -54.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 396.0 | 99.9 | 99.9 | 99.9 | 99.9 | 999 |
| 49.2 | 138.3 | 99.9 | 75.0 | -57.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 416.1 | 99.9 | 99.9 | 99.9 | 99.9 | 999 |
| 55.5 | 147.0 | 99.9 | 50.0 | -59.2 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 448.8 | 99.9 | 99.9 | 99.9 | 99.9 | 999 |
| 99.9 | 99.9 | 99.9 | 25.0 | -57.3 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 508.4 | 99.9 | 99.9 | 99.9 | 99.9 | 999 |
| 99.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 ** BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 *** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
 **** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 456
TOPEKA, KANSAS

24 APRIL 1982
1400 GMT

164 12. 0

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO CM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 8.1 | 268.0 | 986.1 | 11.5 | 1.5 | 210.0 | 4.1 | 2.0 | 3.6 | 285.8 | 297.3 | 4.3 | 50.0 | 0.0 | 0 |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 285.8 | 297.3 | 4.3 | 99.9 | 99.9 | 999 |
| 0.3 | 9.2 | 362.7 | 975.0 | 11.4 | 1.3 | 203.8 | 13.0 | 5.8 | 11.9 | 286.6 | 298.1 | 4.3 | 49.6 | 0.2 | 15 |
| 1.0 | 11.8 | 579.7 | 950.0 | 11.6 | -0.5 | 208.2 | 14.3 | 6.8 | 12.6 | 289.0 | 299.5 | 3.8 | 43.1 | 0.6 | 22 |
| 1.7 | 14.4 | 802.6 | 925.0 | 10.8 | -1.7 | 210.0 | 15.1 | 7.6 | 13.1 | 290.3 | 300.8 | 3.8 | 43.9 | 1.3 | 27 |
| 2.4 | 17.0 | 1030.3 | 900.0 | 9.2 | -1.3 | 204.6 | 13.9 | 5.8 | 12.7 | 291.0 | 301.6 | 3.9 | 47.6 | 1.9 | 27 |
| 3.2 | 19.7 | 1263.0 | 875.0 | 7.1 | -1.7 | 201.4 | 12.4 | 4.5 | 11.5 | 291.2 | 301.8 | 3.9 | 53.5 | 2.5 | 26 |
| 4.0 | 22.3 | 1500.6 | 850.0 | 5.1 | -2.0 | 199.8 | 11.8 | 4.0 | 11.1 | 291.5 | 302.2 | 3.9 | 60.0 | 3.1 | 25 |
| 4.9 | 25.0 | 1743.6 | 825.0 | 3.1 | -2.2 | 201.7 | 11.2 | 4.0 | 10.4 | 291.9 | 302.7 | 3.9 | 67.8 | 3.7 | 24 |
| 5.7 | 27.7 | 1992.6 | 800.0 | 1.5 | -2.5 | 198.6 | 10.3 | 3.3 | 9.8 | 292.7 | 303.6 | 3.9 | 74.0 | 4.4 | 23 |
| 6.6 | 30.4 | 2248.7 | 775.0 | 1.6 | -0.3 | 191.0 | 7.7 | 1.5 | 7.6 | 295.6 | 309.2 | 5.0 | 89.1 | 4.7 | 22 |
| 7.5 | 33.1 | 2513.4 | 750.0 | 1.3 | -0.3 | 198.4 | 7.5 | 3.4 | 7.1 | 298.0 | 311.8 | 5.0 | 89.9 | 5.1 | 22 |
| 8.6 | 35.9 | 2786.3 | 725.0 | 1.5 | -0.3 | 198.4 | 7.5 | 3.4 | 7.1 | 298.0 | 311.8 | 5.0 | 89.9 | 5.1 | 22 |
| 9.4 | 38.8 | 3068.7 | 700.0 | 0.2 | -3.3 | 201.1 | 9.0 | 3.2 | 8.4 | 301.1 | 313.0 | 4.7 | 70.7 | 6.1 | 22 |
| 10.4 | 41.6 | 3359.4 | 675.0 | -1.5 | -5.1 | 204.4 | 10.1 | 4.2 | 9.2 | 302.7 | 314.5 | 3.6 | 71.6 | 6.7 | 22 |
| 11.4 | 44.4 | 3659.3 | 650.0 | -3.3 | -8.9 | 199.7 | 9.4 | 3.4 | 8.8 | 304.0 | 314.5 | 3.0 | 65.1 | 7.2 | 22 |
| 12.4 | 47.3 | 3968.8 | 625.0 | -5.2 | -10.4 | 198.5 | 9.4 | 3.0 | 8.9 | 306.6 | 315.4 | 2.8 | 66.4 | 7.8 | 22 |
| 13.5 | 50.4 | 4288.3 | 600.0 | -7.6 | -12.2 | 195.1 | 7.7 | 2.4 | 7.4 | 307.3 | 315.4 | 2.6 | 75.3 | 8.4 | 21 |
| 14.6 | 53.4 | 4618.7 | 575.0 | -9.6 | -15.6 | 198.9 | 7.3 | 2.6 | 6.9 | 308.8 | 316.7 | 2.1 | 82.3 | 9.1 | 21 |
| 15.8 | 56.5 | 4960.6 | 550.0 | -12.2 | -18.3 | 198.7 | 8.0 | 2.9 | 7.6 | 309.7 | 316.7 | 2.1 | 75.4 | 9.9 | 21 |
| 16.8 | 59.5 | 5315.3 | 525.0 | -13.6 | -20.3 | 200.8 | 8.0 | 2.9 | 7.5 | 312.1 | 316.7 | 0.5 | 75.4 | 10.4 | 21 |
| 18.1 | 62.8 | 5685.3 | 500.0 | -15.2 | -23.1 | 200.5 | 8.0 | 3.2 | 7.5 | 314.5 | 316.7 | 0.5 | 75.4 | 10.4 | 21 |
| 19.4 | 66.0 | 6071.0 | 475.0 | -17.7 | -26.4 | 200.7 | 9.0 | 3.2 | 8.4 | 316.1 | 317.6 | 0.4 | 75.4 | 11.1 | 21 |
| 20.8 | 69.4 | 6473.3 | 450.0 | -21.0 | -31.7 | 202.4 | 9.8 | 3.7 | 9.1 | 317.1 | 318.5 | 0.5 | 75.4 | 11.9 | 21 |
| 22.2 | 72.8 | 6892.3 | 425.0 | -24.9 | -34.2 | 203.3 | 12.4 | 4.9 | 11.4 | 317.1 | 319.2 | 0.5 | 58.4 | 12.8 | 21 |
| 23.7 | 76.3 | 7330.3 | 400.0 | -28.6 | -37.0 | 212.9 | 16.5 | 9.0 | 13.9 | 317.8 | 319.6 | 0.5 | 58.4 | 14.1 | 22 |
| 25.2 | 79.9 | 7789.3 | 375.0 | -32.1 | -39.1 | 223.7 | 16.2 | 11.2 | 11.7 | 319.1 | 320.8 | 0.4 | 58.4 | 15.6 | 23 |
| 26.9 | 83.7 | 8273.5 | 350.0 | -35.5 | -41.9 | 224.0 | 15.7 | 10.9 | 11.3 | 320.9 | 322.2 | 0.4 | 58.4 | 17.0 | 25 |
| 28.6 | 87.5 | 8784.4 | 325.0 | -40.0 | -44.9 | 217.3 | 13.5 | 8.2 | 10.7 | 321.5 | 322.2 | 0.4 | 58.4 | 18.4 | 27 |
| 30.5 | 91.7 | 9325.3 | 300.0 | -44.9 | -48.9 | 207.0 | 13.8 | 6.3 | 10.3 | 322.7 | 322.2 | 0.4 | 58.4 | 20.0 | 27 |
| 32.3 | 95.8 | 9900.3 | 275.0 | -50.1 | -53.7 | 202.0 | 14.8 | 5.5 | 13.7 | 322.7 | 322.2 | 0.4 | 58.4 | 21.5 | 27 |
| 34.3 | 100.3 | 10515.4 | 250.0 | -55.7 | -58.4 | 203.0 | 17.1 | 6.7 | 15.8 | 323.3 | 323.3 | 0.4 | 58.4 | 23.5 | 26 |
| 36.1 | 105.0 | 11180.7 | 225.0 | -59.4 | -62.7 | 195.3 | 11.0 | 2.9 | 10.6 | 323.5 | 323.5 | 0.4 | 58.4 | 25.2 | 26 |
| 38.5 | 110.0 | 11919.2 | 200.0 | -56.7 | -59.9 | 208.8 | 10.8 | 5.2 | 9.4 | 323.5 | 323.5 | 0.4 | 58.4 | 26.4 | 26 |
| 41.1 | 115.5 | 12762.5 | 175.0 | -58.3 | -62.7 | 230.4 | 15.4 | 11.8 | 9.6 | 323.5 | 323.5 | 0.4 | 58.4 | 28.3 | 27 |
| 44.3 | 121.5 | 13736.5 | 150.0 | -56.6 | -62.7 | 250.0 | 17.9 | 16.9 | 6.1 | 323.5 | 323.5 | 0.4 | 58.4 | 30.9 | 30 |
| 48.1 | 128.2 | 14896.4 | 125.0 | -56.7 | -62.7 | 259.2 | 16.4 | 16.2 | 3.1 | 323.5 | 323.5 | 0.4 | 58.4 | 33.8 | 35 |
| 52.6 | 135.7 | 16303.6 | 100.0 | -58.6 | -62.7 | 261.3 | 16.4 | 16.2 | 2.5 | 323.5 | 323.5 | 0.4 | 58.4 | 37.2 | 40 |
| 58.6 | 144.7 | 18111.1 | 75.0 | -59.7 | -62.7 | 272.0 | 11.0 | 11.0 | -0.4 | 447.8 | 999.9 | 99.9 | 99.9 | 41.0 | 45 |
| 66.3 | 155.0 | 20660.8 | 50.0 | -58.2 | -62.7 | 239.0 | 3.8 | 3.3 | 2.0 | 631.2 | 999.9 | 99.9 | 99.9 | 42.8 | 49 |
| 78.0 | 166.0 | 25078.9 | 25.0 | -53.4 | -62.7 | 999.9 | 99.9 | 99.9 | 99.9 | 631.2 | 999.9 | 99.9 | 99.9 | 42.2 | 49 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

** BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

*** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

**** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 456
TOPEKA, KANSAS
24 APRIL 1982
1705 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 8.8 | 268.0 | 984.9 | 17.2 | 0.8 | 190.0 | 7.2 | 1.3 | 7.1 | 291.6 | 302.9 | 4.1 | 33.0 | 0.0 | 0. |
| 99.9 | 9.8 | 354.2 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.3 | 9.8 | 354.2 | 975.0 | 17.0 | 0.9 | 177.8 | 9.5 | -0.4 | 9.5 | 292.3 | 303.8 | 4.2 | 33.8 | 0.3 | 14. |
| 0.8 | 12.4 | 574.7 | 950.0 | 14.9 | 0.3 | 179.8 | 9.5 | -0.0 | 9.5 | 292.4 | 303.7 | 4.1 | 36.9 | 0.5 | 8. |
| 1.3 | 14.9 | 799.3 | 925.0 | 12.2 | -0.4 | 181.5 | 9.5 | 0.2 | 9.5 | 291.8 | 302.8 | 4.0 | 41.9 | 0.7 | 8. |
| 1.8 | 17.5 | 1028.1 | 900.0 | 10.2 | -1.0 | 181.4 | 9.5 | 0.2 | 9.5 | 292.0 | 302.8 | 4.0 | 45.8 | 1.0 | 5. |
| 2.5 | 20.2 | 1261.6 | 875.0 | 7.7 | -1.4 | 183.4 | 10.8 | 0.6 | 10.7 | 291.8 | 302.6 | 3.9 | 52.5 | 1.4 | 4. |
| 3.3 | 22.8 | 1499.7 | 850.0 | 5.7 | -1.4 | 183.6 | 11.6 | 0.7 | 11.6 | 292.1 | 303.3 | 4.1 | 60.4 | 2.0 | 4. |
| 4.2 | 25.4 | 1743.1 | 825.0 | 3.3 | -2.9 | 189.6 | 11.4 | 1.9 | 11.2 | 292.1 | 302.4 | 3.7 | 63.4 | 2.6 | 4. |
| 5.0 | 28.1 | 1993.4 | 800.0 | 4.3 | 2.0 | 202.2 | 10.8 | 4.1 | 10.2 | 295.7 | 310.9 | 5.6 | 85.3 | 3.2 | 8. |
| 5.9 | 30.8 | 2251.1 | 775.0 | 2.0 | 1.1 | 199.1 | 10.8 | 3.5 | 10.2 | 295.9 | 310.6 | 5.4 | 94.1 | 3.7 | 9. |
| 6.8 | 33.4 | 2515.8 | 750.0 | 1.5 | 0.2 | 188.1 | 10.9 | 1.5 | 10.8 | 298.2 | 312.6 | 5.2 | 91.3 | 4.3 | 10. |
| 7.8 | 36.3 | 2788.9 | 725.0 | 0.7 | -1.3 | 191.9 | 9.1 | 1.9 | 8.9 | 300.3 | 313.8 | 4.8 | 86.2 | 4.9 | 9. |
| 8.7 | 39.1 | 3071.4 | 700.0 | 0.9 | -5.0 | 207.6 | 7.6 | 3.5 | 6.8 | 303.5 | 314.3 | 3.8 | 64.4 | 5.4 | 10. |
| 9.7 | 41.9 | 3382.7 | 675.0 | -1.3 | -6.9 | 215.7 | 7.5 | 4.4 | 6.1 | 304.2 | 314.0 | 3.4 | 65.7 | 5.7 | 12. |
| 10.7 | 44.8 | 3682.4 | 650.0 | -3.6 | -8.1 | 218.0 | 7.5 | 4.6 | 5.9 | 304.9 | 314.3 | 3.2 | 70.7 | 6.2 | 14. |
| 11.8 | 47.8 | 3971.3 | 625.0 | -5.5 | -10.1 | 215.2 | 6.6 | 3.8 | 5.4 | 305.7 | 314.1 | 3.2 | 71.9 | 6.6 | 15. |
| 12.9 | 50.8 | 4260.4 | 600.0 | -7.7 | -9.5 | 206.5 | 5.1 | 2.3 | 4.5 | 307.2 | 316.4 | 3.1 | 86.4 | 7.0 | 16. |
| 14.1 | 53.8 | 4520.6 | 575.0 | -9.7 | -23.8 | 200.5 | 6.1 | 2.1 | 5.7 | 308.6 | 311.9 | 1.0 | 86.4 | 7.3 | 16. |
| 15.2 | 56.9 | 4982.8 | 550.0 | -11.3 | -28.7 | 197.8 | 8.5 | 2.6 | 8.1 | 310.7 | 312.8 | 0.6 | 86.4 | 7.8 | 17. |
| 16.4 | 60.0 | 5318.1 | 525.0 | -15.7 | -30.5 | 190.0 | 11.4 | 2.0 | 11.3 | 312.2 | 314.1 | 0.5 | 86.4 | 8.5 | 16. |
| 17.6 | 63.3 | 5688.1 | 500.0 | -18.6 | -32.3 | 182.9 | 11.6 | 0.6 | 11.8 | 313.0 | 315.5 | 0.4 | 86.4 | 8.5 | 15. |
| 18.8 | 66.6 | 6072.7 | 475.0 | -21.1 | -34.0 | 180.7 | 11.1 | 0.1 | 11.8 | 315.0 | 316.5 | 0.4 | 86.4 | 8.5 | 14. |
| 20.1 | 69.9 | 6473.3 | 450.0 | -25.0 | -28.1 | 189.0 | 11.7 | 1.8 | 11.6 | 315.5 | 316.5 | 0.4 | 86.4 | 8.5 | 14. |
| 21.5 | 73.4 | 6891.5 | 425.0 | -28.0 | -30.0 | 200.3 | 11.6 | 4.0 | 10.9 | 317.0 | 319.0 | 0.8 | 86.4 | 8.5 | 13. |
| 23.1 | 76.9 | 7299.6 | 400.0 | -28.2 | -37.4 | 204.0 | 10.9 | 5.0 | 9.7 | 318.3 | 321.0 | 0.8 | 86.4 | 8.5 | 13. |
| 24.6 | 80.6 | 7753.6 | 375.0 | -32.0 | -42.5 | 205.2 | 11.8 | 6.0 | 10.7 | 319.3 | 320.7 | 0.4 | 86.4 | 8.5 | 13. |
| 26.2 | 84.3 | 8273.2 | 350.0 | -35.8 | -39.9 | 205.2 | 14.0 | 6.0 | 12.6 | 320.5 | 321.5 | 0.3 | 86.4 | 8.5 | 15. |
| 27.9 | 88.2 | 8784.3 | 325.0 | -39.9 | 99.9 | 201.9 | 20.0 | 7.7 | 16.2 | 321.7 | 321.9 | 99.9 | 99.9 | 15.3 | 16. |
| 29.7 | 92.3 | 9325.3 | 300.0 | -45.0 | 99.9 | 200.6 | 19.5 | 6.8 | 18.2 | 323.0 | 323.0 | 99.9 | 99.9 | 16.8 | 17. |
| 31.6 | 96.5 | 9900.6 | 275.0 | -55.7 | 99.9 | 197.8 | 18.8 | 5.8 | 18.2 | 323.0 | 323.0 | 99.9 | 99.9 | 18.0 | 18. |
| 33.6 | 101.0 | 10515.5 | 250.0 | -57.4 | 99.9 | 200.8 | 18.6 | 7.0 | 18.4 | 323.0 | 323.0 | 99.9 | 99.9 | 21.2 | 18. |
| 35.8 | 105.6 | 11181.0 | 225.0 | -57.4 | 99.9 | 217.2 | 15.1 | 8.2 | 18.4 | 323.0 | 323.0 | 99.9 | 99.9 | 23.5 | 18. |
| 38.4 | 110.6 | 11924.3 | 200.0 | -57.3 | 99.9 | 234.4 | 13.5 | 12.3 | 18.4 | 323.0 | 323.0 | 99.9 | 99.9 | 26.2 | 18. |
| 41.3 | 116.0 | 12767.1 | 175.0 | -57.3 | 99.9 | 248.5 | 15.1 | 13.8 | 18.4 | 323.0 | 323.0 | 99.9 | 99.9 | 28.7 | 19. |
| 44.8 | 121.7 | 13748.8 | 150.0 | -58.0 | 99.9 | 248.7 | 16.2 | 15.1 | 18.4 | 323.0 | 323.0 | 99.9 | 99.9 | 30.7 | 21. |
| 48.6 | 128.0 | 14913.2 | 125.0 | -58.0 | 99.9 | 254.0 | 16.8 | 16.2 | 18.4 | 323.0 | 323.0 | 99.9 | 99.9 | 32.9 | 24. |
| 53.3 | 134.7 | 16326.2 | 100.0 | -57.7 | 99.9 | 254.0 | 16.8 | 16.2 | 18.4 | 323.0 | 323.0 | 99.9 | 99.9 | 35.6 | 28. |
| 59.3 | 142.3 | 18140.4 | 75.0 | -58.6 | 99.9 | 289.6 | 12.7 | 12.7 | 0.1 | 450.2 | 99.9 | 99.9 | 99.9 | 39.4 | 33. |
| 67.1 | 150.7 | 20999.0 | 50.0 | -55.9 | 99.9 | 288.4 | 4.4 | 4.1 | -1.4 | 511.9 | 99.9 | 99.9 | 99.9 | 43.6 | 39. |
| 79.0 | 159.3 | 25153.5 | 25.0 | -50.2 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 640.7 | 99.9 | 99.9 | 99.9 | 45.3 | 42. |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 ** BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 *** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
 **** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

STATION NO. 456
TOPEKA, KANSAS

24 APRIL 1982
2010 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POI T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 8.8 | 268.0 | 983.0 | 20.0 | 1.0 | 180.0 | 8.2 | 0.0 | 8.2 | 294.6 | 306.2 | 4.2 | 28.0 | 0.0 | 0.0 |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.3 | 9.6 | 338.3 | 975.0 | 19.0 | 1.1 | 166.2 | 9.7 | -2.3 | 9.4 | 294.2 | 306.0 | 4.3 | 30.2 | 0.4 | 349. |
| 1.2 | 12.3 | 560.0 | 950.0 | 16.3 | -0.5 | 168.5 | 10.7 | -2.1 | 10.5 | 293.7 | 304.5 | 3.9 | 31.8 | 0.8 | 348. |
| 2.2 | 15.0 | 785.6 | 925.0 | 14.0 | -0.5 | 170.8 | 10.4 | -0.3 | 10.3 | 293.6 | 304.7 | 4.1 | 36.9 | 1.5 | 349. |
| 3.3 | 17.7 | 1015.9 | 900.0 | 12.0 | -0.6 | 178.3 | 8.7 | -0.3 | 8.7 | 293.6 | 305.1 | 4.1 | 41.9 | 2.0 | 350. |
| 4.1 | 20.3 | 1250.8 | 875.0 | 9.5 | -0.8 | 183.0 | 9.9 | 0.5 | 9.9 | 293.7 | 305.1 | 4.1 | 48.3 | 2.5 | 352. |
| 5.2 | 23.1 | 1490.6 | 850.0 | 7.2 | -1.2 | 186.5 | 11.6 | 1.3 | 11.7 | 293.7 | 305.1 | 4.1 | 55.0 | 3.2 | 355. |
| 6.5 | 25.9 | 1735.5 | 825.0 | 5.0 | -1.2 | 187.3 | 12.6 | 1.6 | 12.6 | 293.9 | 305.6 | 4.3 | 63.9 | 4.1 | 358. |
| 7.6 | 28.7 | 1986.0 | 800.0 | 2.9 | -1.3 | 187.2 | 12.6 | 1.6 | 12.6 | 294.2 | 306.3 | 4.4 | 74.1 | 4.9 | 359. |
| 8.3 | 31.4 | 2243.3 | 775.0 | 2.8 | 1.7 | 190.5 | 12.1 | 2.2 | 11.9 | 296.9 | 312.3 | 5.6 | 82.5 | 5.5 | 0. |
| 9.1 | 34.3 | 2509.2 | 750.0 | 2.1 | 1.7 | 202.5 | 10.7 | 4.1 | 9.9 | 298.9 | 313.2 | 5.4 | 88.6 | 6.0 | 2. |
| 10.0 | 37.1 | 2783.3 | 725.0 | 2.0 | 0.4 | 220.3 | 8.6 | 5.6 | 6.6 | 301.7 | 316.9 | 5.4 | 89.1 | 6.5 | 4. |
| 11.2 | 40.1 | 3066.1 | 700.0 | 0.4 | -3.7 | 224.4 | 7.8 | 5.4 | 5.5 | 303.0 | 314.9 | 4.2 | 73.7 | 6.9 | 7. |
| 12.3 | 43.1 | 3357.9 | 675.0 | -0.1 | -11.9 | 219.8 | 7.9 | 4.5 | 5.4 | 305.6 | 312.4 | 2.3 | 40.4 | 7.3 | 9. |
| 13.4 | 46.0 | 3658.9 | 650.0 | -2.4 | -13.7 | 220.3 | 7.7 | 5.0 | 5.9 | 305.3 | 312.5 | 2.0 | 41.4 | 7.7 | 11. |
| 14.4 | 49.0 | 3969.0 | 625.0 | -4.7 | -15.6 | 221.9 | 6.2 | 5.5 | 6.1 | 307.1 | 312.5 | 1.8 | 41.4 | 8.2 | 13. |
| 15.5 | 52.1 | 4288.2 | 600.0 | -7.8 | -15.6 | 219.5 | 7.6 | 4.8 | 5.8 | 307.1 | 312.8 | 1.9 | 53.3 | 8.6 | 15. |
| 16.7 | 55.3 | 4617.5 | 575.0 | -11.1 | -15.3 | 213.7 | 7.0 | 3.8 | 5.8 | 307.0 | 313.1 | 2.0 | 71.0 | 9.1 | 16. |
| 18.0 | 58.5 | 4957.6 | 550.0 | -13.7 | -16.3 | 203.7 | 9.1 | 3.7 | 8.3 | 307.9 | 313.8 | 1.9 | 80.3 | 9.6 | 16. |
| 19.3 | 61.7 | 5310.3 | 525.0 | -15.4 | -18.3 | 207.5 | 13.7 | 6.3 | 12.1 | 309.9 | 315.7 | 1.9 | 85.2 | 10.5 | 17. |
| 20.6 | 65.0 | 5677.9 | 500.0 | -17.2 | -18.3 | 213.5 | 12.7 | 7.0 | 10.6 | 312.1 | 317.7 | 1.8 | 91.1 | 11.6 | 18. |
| 21.9 | 68.4 | 6061.8 | 475.0 | -18.8 | -21.8 | 202.2 | 10.5 | 4.0 | 9.7 | 314.7 | 319.2 | 1.4 | 77.1 | 12.5 | 19. |
| 23.3 | 71.9 | 6462.6 | 450.0 | -21.8 | -24.5 | 192.6 | 10.7 | 2.3 | 10.4 | 315.9 | 319.7 | 1.2 | 78.4 | 13.4 | 19. |
| 24.8 | 75.4 | 6881.2 | 425.0 | -24.8 | -26.7 | 189.5 | 12.8 | 2.1 | 12.6 | 317.3 | 320.6 | 1.0 | 83.9 | 14.4 | 18. |
| 26.2 | 79.0 | 7319.4 | 400.0 | -28.1 | -31.2 | 190.2 | 13.1 | 2.3 | 12.9 | 318.5 | 320.8 | 0.7 | 74.4 | 15.5 | 18. |
| 27.6 | 82.8 | 7778.8 | 375.0 | -32.4 | -36.0 | 184.7 | 13.8 | 1.1 | 13.7 | 318.7 | 320.8 | 0.4 | 57.3 | 16.8 | 17. |
| 29.5 | 86.7 | 8261.9 | 350.0 | -35.9 | -46.6 | 177.0 | 14.2 | -0.7 | 14.2 | 320.4 | 321.0 | 0.2 | 31.7 | 18.1 | 15. |
| 31.1 | 90.7 | 8772.4 | 325.0 | -40.3 | -59.9 | 170.5 | 12.1 | 0.9 | 12.1 | 321.1 | 321.0 | 99.9 | 99.9 | 19.3 | 15. |
| 32.9 | 94.8 | 9313.0 | 300.0 | -44.7 | 99.9 | 206.2 | 12.1 | 7.5 | 15.3 | 322.4 | 322.4 | 99.9 | 99.9 | 20.7 | 15. |
| 34.9 | 99.2 | 9889.4 | 275.0 | -49.5 | 99.9 | 206.2 | 19.7 | 8.7 | 17.7 | 323.6 | 323.6 | 99.9 | 99.9 | 22.9 | 16. |
| 36.9 | 103.6 | 10508.2 | 250.0 | -53.0 | 99.9 | 205.0 | 18.7 | 7.9 | 16.9 | 327.3 | 327.3 | 99.9 | 99.9 | 25.3 | 17. |
| 39.1 | 108.3 | 11180.9 | 225.0 | -57.0 | 99.9 | 213.8 | 19.3 | 10.7 | 16.0 | 331.2 | 331.2 | 99.9 | 99.9 | 27.7 | 18. |
| 41.4 | 113.4 | 11926.1 | 200.0 | -55.9 | 99.9 | 214.8 | 13.9 | 7.9 | 11.4 | 344.2 | 344.2 | 99.9 | 99.9 | 29.9 | 18. |
| 44.0 | 118.8 | 12775.5 | 175.0 | -55.9 | 99.9 | 230.8 | 15.6 | 12.1 | 9.9 | 357.6 | 357.6 | 99.9 | 99.9 | 31.9 | 21. |
| 47.1 | 124.7 | 13757.3 | 150.0 | -56.3 | 99.9 | 237.5 | 15.6 | 13.2 | 8.4 | 373.1 | 373.1 | 99.9 | 99.9 | 34.4 | 23. |
| 50.9 | 131.2 | 14918.7 | 125.0 | -55.9 | 99.9 | 253.0 | 17.9 | 17.1 | 5.2 | 393.8 | 393.8 | 99.9 | 99.9 | 37.0 | 27. |
| 55.5 | 138.3 | 16334.8 | 100.0 | -57.4 | 99.9 | 262.7 | 18.6 | 18.5 | 2.4 | 416.9 | 416.9 | 99.9 | 99.9 | 40.7 | 33. |
| 61.1 | 146.0 | 18153.0 | 75.0 | -58.1 | 99.9 | 269.5 | 12.2 | 12.2 | 0.4 | 451.2 | 451.2 | 99.9 | 99.9 | 43.9 | 39. |
| 69.0 | 154.7 | 20713.7 | 50.0 | -56.7 | 99.9 | 269.5 | 3.7 | 3.7 | 0.0 | 509.9 | 509.9 | 99.9 | 99.9 | 45.9 | 42. |
| 80.8 | 163.3 | 25186.4 | 25.0 | -50.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 638.9 | 638.9 | 99.9 | 99.9 | 45.6 | 42. |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

STATION NO. 456
TOPEKA, KANSAS

25 APRIL 1982
200 GMT

148 40. 0

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 8.9 | 268.0 | 981.7 | 12.2 | 5.8 | 190.0 | 5.2 | 0.9 | 5.1 | 286.9 | 302.4 | 5.9 | 65.0 | 0.0 | 0. |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.3 | 9.6 | 325.5 | 975.0 | 12.0 | 5.2 | 177.2 | 13.2 | -0.7 | 13.2 | 287.2 | 302.3 | 5.7 | 63.2 | 0.3 | 2. |
| 1.0 | 12.2 | 542.9 | 950.0 | 11.2 | 2.3 | 174.4 | 12.7 | -1.2 | 12.6 | 288.6 | 301.3 | 4.8 | 54.1 | 0.7 | 359. |
| 1.7 | 14.8 | 765.2 | 925.0 | 10.2 | 1.2 | 172.1 | 11.0 | -1.5 | 10.9 | 289.8 | 301.9 | 4.5 | 53.3 | 1.2 | 356. |
| 2.6 | 17.4 | 992.6 | 900.0 | 8.6 | 0.7 | 175.6 | 10.8 | -0.8 | 10.7 | 289.4 | 302.4 | 4.5 | 57.5 | 1.8 | 355. |
| 3.4 | 20.1 | 1224.7 | 875.0 | 6.0 | -0.1 | 182.7 | 11.9 | 0.6 | 11.8 | 290.1 | 301.8 | 4.3 | 57.5 | 1.8 | 355. |
| 4.1 | 22.4 | 1462.3 | 850.0 | 5.6 | -0.9 | 190.5 | 12.5 | 2.3 | 12.3 | 292.0 | 303.8 | 4.2 | 64.5 | 2.3 | 356. |
| 4.9 | 25.4 | 1706.1 | 825.0 | 4.2 | 1.8 | 193.7 | 12.5 | 2.3 | 11.8 | 292.0 | 303.8 | 4.2 | 64.5 | 2.3 | 356. |
| 5.8 | 28.1 | 1958.6 | 800.0 | 3.7 | 3.4 | 196.1 | 10.2 | 2.9 | 11.8 | 293.0 | 307.5 | 5.3 | 85.0 | 3.4 | 1. |
| 6.7 | 30.8 | 2215.1 | 775.0 | 4.1 | 2.9 | 203.3 | 9.0 | 3.6 | 9.8 | 295.1 | 311.7 | 6.1 | 97.6 | 4.0 | 3. |
| 7.8 | 33.6 | 2481.6 | 750.0 | 2.3 | 1.8 | 220.5 | 8.0 | 5.2 | 8.0 | 298.2 | 315.0 | 5.8 | 91.7 | 4.5 | 4. |
| 8.8 | 36.3 | 2754.9 | 725.0 | 0.3 | -0.2 | 226.1 | 7.8 | 5.7 | 6.0 | 299.1 | 314.4 | 5.2 | 98.5 | 5.0 | 7. |
| 9.7 | 39.1 | 3035.7 | 700.0 | -1.8 | -3.2 | 229.3 | 7.9 | 6.0 | 5.2 | 299.8 | 312.7 | 4.3 | 96.2 | 5.4 | 10. |
| 10.8 | 42.0 | 3324.7 | 675.0 | -2.7 | -13.1 | 230.3 | 9.7 | 6.2 | 5.2 | 300.5 | 308.8 | 2.1 | 90.4 | 5.7 | 13. |
| 12.0 | 44.9 | 3622.3 | 650.0 | -5.5 | -11.5 | 232.0 | 10.4 | 8.2 | 6.2 | 302.6 | 310.0 | 2.4 | 44.6 | 6.2 | 16. |
| 13.4 | 47.8 | 3928.7 | 625.0 | -8.3 | -11.9 | 234.8 | 11.1 | 9.1 | 6.4 | 302.7 | 310.0 | 2.5 | 62.9 | 6.8 | 20. |
| 14.5 | 50.8 | 4244.4 | 600.0 | -10.7 | -13.4 | 225.0 | 10.0 | 7.0 | 7.0 | 303.7 | 310.5 | 2.3 | 75.6 | 7.6 | 23. |
| 15.6 | 53.8 | 4571.2 | 575.0 | -12.0 | -14.7 | 200.0 | 8.6 | 7.9 | 8.0 | 305.9 | 313.4 | 2.2 | 80.3 | 8.2 | 26. |
| 16.7 | 56.9 | 4910.2 | 550.0 | -14.2 | -14.9 | 177.7 | 6.1 | -0.3 | 6.8 | 307.3 | 313.9 | 2.2 | 94.9 | 8.8 | 29. |
| 17.8 | 59.9 | 5262.2 | 525.0 | -16.6 | -17.5 | 168.8 | 7.0 | -1.5 | 7.4 | 308.4 | 314.1 | 1.8 | 92.5 | 9.2 | 32. |
| 19.0 | 63.1 | 5627.3 | 500.0 | -19.7 | -21.9 | 164.5 | 9.9 | -3.2 | 9.7 | 309.1 | 313.2 | 1.3 | 92.5 | 9.6 | 34. |
| 20.3 | 66.4 | 6006.8 | 475.0 | -21.9 | -24.9 | 160.0 | 11.9 | -3.2 | 11.5 | 310.6 | 314.3 | 1.1 | 92.5 | 10.2 | 37. |
| 21.6 | 69.7 | 6402.3 | 450.0 | -25.3 | -28.9 | 150.5 | 12.1 | -4.5 | 12.3 | 311.4 | 314.3 | 0.8 | 76.6 | 10.5 | 39. |
| 23.0 | 73.0 | 6814.3 | 425.0 | -28.5 | -33.9 | 150.5 | 12.1 | -6.0 | 12.3 | 312.5 | 314.3 | 0.5 | 72.1 | 11.7 | 41. |
| 24.7 | 76.8 | 7245.0 | 400.0 | -32.7 | -40.6 | 147.6 | 12.5 | -6.7 | 10.6 | 312.5 | 314.3 | 0.3 | 59.7 | 12.5 | 43. |
| 26.5 | 80.1 | 7696.4 | 375.0 | -35.6 | -48.2 | 153.3 | 13.4 | -6.0 | 12.0 | 314.5 | 314.9 | 0.1 | 46.1 | 13.3 | 45. |
| 28.3 | 83.9 | 8172.9 | 350.0 | -39.5 | -56.4 | 159.9 | 15.4 | -5.3 | 14.4 | 315.5 | 315.7 | 0.0 | 25.9 | 14.5 | 47. |
| 30.2 | 87.7 | 8677.1 | 325.0 | -42.7 | -64.2 | 166.6 | 17.2 | -4.0 | 16.7 | 317.8 | 315.7 | 0.0 | 14.4 | 15.8 | 49. |
| 32.6 | 91.8 | 9213.1 | 300.0 | -46.2 | -72.9 | 170.0 | 20.4 | -3.6 | 20.1 | 320.2 | 315.7 | 0.0 | 99.9 | 17.6 | 51. |
| 34.7 | 95.9 | 9787.3 | 275.0 | -49.7 | -81.4 | 173.8 | 22.5 | -2.4 | 22.3 | 323.2 | 315.7 | 0.0 | 99.9 | 20.2 | 53. |
| 37.2 | 100.3 | 10405.2 | 250.0 | -53.4 | -90.9 | 176.1 | 23.7 | -1.6 | 23.7 | 326.7 | 315.7 | 0.0 | 99.9 | 22.9 | 55. |
| 40.0 | 105.0 | 11078.0 | 225.0 | -55.9 | -99.9 | 189.2 | 19.4 | 3.1 | 19.2 | 332.8 | 315.7 | 0.0 | 99.9 | 26.4 | 57. |
| 43.2 | 110.0 | 11831.1 | 200.0 | -58.1 | -108.1 | 193.7 | 12.2 | 6.8 | 10.1 | 334.0 | 315.7 | 0.0 | 99.9 | 30.2 | 59. |
| 46.4 | 115.2 | 12681.3 | 175.0 | -56.1 | -116.1 | 213.7 | 13.2 | 8.3 | 10.3 | 337.3 | 315.7 | 0.0 | 99.9 | 34.6 | 61. |
| 50.6 | 121.0 | 13663.7 | 150.0 | -55.6 | -124.1 | 239.3 | 14.0 | 12.1 | 7.2 | 374.3 | 315.7 | 0.0 | 99.9 | 39.0 | 63. |
| 55.2 | 127.2 | 14826.3 | 125.0 | -57.3 | -132.1 | 254.5 | 15.0 | 14.5 | 4.0 | 391.2 | 315.7 | 0.0 | 99.9 | 43.5 | 65. |
| 60.7 | 134.3 | 16231.3 | 100.0 | -58.9 | -140.1 | 261.2 | 11.5 | 13.9 | 2.1 | 414.0 | 315.7 | 0.0 | 99.9 | 48.9 | 67. |
| 67.7 | 142.3 | 18029.3 | 75.0 | -60.1 | -148.1 | 271.7 | 5.5 | 11.5 | -0.3 | 447.0 | 315.7 | 0.0 | 99.9 | 54.1 | 69. |
| 77.4 | 151.3 | 20569.8 | 50.0 | -60.2 | -156.1 | 300.0 | 5.5 | 4.8 | -2.8 | 501.7 | 315.7 | 0.0 | 99.9 | 60.0 | 71. |
| 99.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
 ** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 456
TOPEKA, KANSAS
25 APRIL 1982
500 GMT

| TIME MIN | ON CT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 8.8 | 268.0 | 981.2 | 10.0 | 4.8 | 150.0 | 3.6 | -1.8 | 3.1 | 284.7 | 299.0 | 5.5 | 70.0 | 0.0 | 0 |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.2 | 9.4 | 320.9 | 975.0 | 10.5 | 4.5 | 159.4 | 12.2 | -2.2 | 12.0 | 285.7 | 299.9 | 9.4 | 66.4 | 0.0 | 242 |
| 0.9 | 12.1 | 537.0 | 950.0 | 9.8 | 1.5 | 173.4 | 12.9 | -1.5 | 12.8 | 287.1 | 299.1 | 4.5 | 56.3 | 0.5 | 347 |
| 1.6 | 14.8 | 758.6 | 925.0 | 9.3 | -0.7 | 179.8 | 15.7 | -0.0 | 15.0 | 288.8 | 299.5 | 3.9 | 49.5 | 1.1 | 353 |
| 2.5 | 17.6 | 985.5 | 900.0 | 8.2 | 0.7 | 188.8 | 15.0 | 2.4 | 13.4 | 289.9 | 302.0 | 4.5 | 59.3 | 1.9 | 357 |
| 3.3 | 20.3 | 1217.5 | 875.0 | 6.0 | 2.0 | 198.0 | 14.1 | 4.4 | 10.6 | 293.0 | 303.6 | 5.1 | 75.5 | 2.7 | 5 |
| 4.2 | 23.0 | 1495.0 | 850.0 | 6.5 | 2.2 | 192.8 | 10.2 | 2.3 | 9.9 | 293.0 | 307.3 | 5.3 | 73.7 | 2.2 | 5 |
| 5.0 | 25.8 | 1701.0 | 825.0 | 6.9 | 4.6 | 183.9 | 8.7 | 0.7 | 10.6 | 295.9 | 313.3 | 6.5 | 85.4 | 3.8 | 5 |
| 6.0 | 28.6 | 1953.7 | 800.0 | 5.4 | 3.1 | 187.0 | 8.8 | 1.1 | 6.5 | 296.9 | 313.3 | 6.0 | 85.4 | 4.7 | 6 |
| 6.9 | 31.4 | 2213.0 | 775.0 | 3.7 | 2.3 | 189.7 | 6.6 | 0.8 | 4.4 | 297.8 | 314.0 | 5.9 | 90.0 | 5.1 | 6 |
| 7.9 | 34.3 | 2478.8 | 750.0 | 1.7 | 0.3 | 191.0 | 4.4 | 0.8 | 4.4 | 298.5 | 313.0 | 5.2 | 90.0 | 5.1 | 6 |
| 8.8 | 37.1 | 2759.5 | 725.0 | -0.1 | -3.4 | 195.7 | 4.3 | 1.2 | 4.2 | 299.4 | 311.0 | 4.1 | 78.1 | 5.2 | 6 |
| 9.9 | 40.1 | 3032.1 | 700.0 | -1.7 | -4.4 | 198.3 | 4.9 | 1.5 | 4.6 | 300.6 | 311.9 | 4.0 | 81.8 | 5.6 | 7 |
| 11.0 | 43.0 | 3320.9 | 675.0 | -3.5 | -7.5 | 197.7 | 5.7 | 1.7 | 5.4 | 301.8 | 311.1 | 3.2 | 73.3 | 5.9 | 7 |
| 12.0 | 46.0 | 3618.9 | 650.0 | -5.0 | -12.0 | 209.1 | 7.4 | 3.6 | 6.5 | 303.3 | 310.3 | 2.3 | 57.6 | 6.8 | 8 |
| 13.1 | 49.1 | 3925.9 | 625.0 | -7.9 | -13.1 | 211.6 | 9.3 | 4.9 | 7.9 | 303.4 | 310.3 | 2.2 | 65.0 | 7.3 | 10 |
| 14.3 | 52.3 | 4241.6 | 600.0 | -10.9 | -13.7 | 216.3 | 7.8 | 4.6 | 6.3 | 303.5 | 310.1 | 2.2 | 79.5 | 7.8 | 12 |
| 15.4 | 55.4 | 4567.1 | 575.0 | -13.7 | -17.9 | 208.1 | 8.4 | 4.0 | 7.5 | 304.0 | 308.9 | 1.6 | 70.4 | 8.1 | 13 |
| 16.7 | 58.6 | 4904.0 | 550.0 | -15.3 | -30.7 | 202.8 | 10.3 | 4.0 | 9.5 | 305.0 | 307.7 | 0.5 | 25.1 | 8.5 | 14 |
| 18.1 | 61.9 | 5254.4 | 525.0 | -16.9 | -33.1 | 196.1 | 12.9 | 3.5 | 12.3 | 306.1 | 307.5 | 0.4 | 23.0 | 8.5 | 15 |
| 19.6 | 65.1 | 5618.4 | 500.0 | -20.1 | -34.9 | 188.8 | 12.9 | 2.0 | 12.8 | 308.5 | 308.8 | 0.4 | 23.2 | 10.7 | 15 |
| 21.1 | 68.6 | 5986.6 | 475.0 | -23.2 | -31.2 | 177.0 | 13.2 | -0.7 | 13.2 | 309.2 | 311.2 | 0.6 | 47.6 | 11.8 | 13 |
| 22.6 | 72.0 | 6389.8 | 450.0 | -26.1 | -32.3 | 184.8 | 14.5 | -3.8 | 14.0 | 310.4 | 312.3 | 0.6 | 56.0 | 12.9 | 12 |
| 24.2 | 75.6 | 6800.9 | 425.0 | -29.5 | -33.1 | 152.0 | 13.6 | -6.4 | 12.0 | 311.2 | 313.0 | 0.5 | 70.9 | 14.1 | 8 |
| 25.8 | 79.3 | 7230.0 | 400.0 | -33.6 | -36.3 | 142.6 | 11.9 | -7.2 | 9.4 | 311.4 | 313.8 | 0.4 | 76.4 | 15.0 | 5 |
| 27.6 | 83.0 | 7679.5 | 375.0 | -37.1 | -39.3 | 139.7 | 13.0 | -8.4 | 9.9 | 312.5 | 313.6 | 0.3 | 80.0 | 15.9 | 2 |
| 29.3 | 87.0 | 8152.5 | 350.0 | -41.3 | 99.9 | 150.4 | 16.0 | -7.9 | 13.9 | 313.0 | 999.9 | 99.9 | 99.9 | 17.2 | 359 |
| 31.3 | 91.0 | 8652.1 | 325.0 | -44.4 | 99.9 | 157.5 | 18.4 | -7.0 | 17.0 | 315.5 | 999.9 | 99.9 | 99.9 | 19.0 | 357 |
| 33.7 | 95.3 | 9186.2 | 300.0 | -46.7 | 99.9 | 161.8 | 21.1 | -6.9 | 21.0 | 319.5 | 999.9 | 99.9 | 99.9 | 21.9 | 354 |
| 36.2 | 99.7 | 9761.7 | 275.0 | -48.2 | 99.9 | 168.5 | 21.8 | -4.4 | 21.4 | 325.5 | 999.9 | 99.9 | 99.9 | 25.2 | 353 |
| 38.8 | 104.2 | 10385.7 | 250.0 | -50.5 | 99.9 | 173.6 | 18.6 | -2.1 | 18.5 | 331.0 | 999.9 | 99.9 | 99.9 | 28.4 | 353 |
| 41.4 | 109.0 | 11066.7 | 225.0 | -54.0 | 99.9 | 180.4 | 12.9 | 0.1 | 12.9 | 335.8 | 999.9 | 99.9 | 99.9 | 30.9 | 353 |
| 44.5 | 114.2 | 11821.1 | 200.0 | -55.4 | 99.9 | 194.2 | 10.6 | 2.6 | 10.3 | 345.1 | 999.9 | 99.9 | 99.9 | 32.7 | 354 |
| 48.2 | 119.7 | 12674.6 | 175.0 | -54.0 | 99.9 | 219.1 | 13.2 | 8.3 | 10.3 | 350.8 | 999.9 | 99.9 | 99.9 | 35.2 | 356 |
| 52.1 | 125.5 | 13662.4 | 150.0 | -54.7 | 99.9 | 239.7 | 12.8 | 11.1 | 6.5 | 375.9 | 999.9 | 99.9 | 99.9 | 36.6 | 360 |
| 57.0 | 131.7 | 14825.5 | 125.0 | -56.1 | 99.9 | 250.5 | 13.0 | 12.3 | 4.3 | 393.5 | 999.9 | 99.9 | 99.9 | 38.5 | 5 |
| 62.4 | 139.0 | 16230.3 | 100.0 | -59.5 | 99.9 | 257.7 | 13.8 | 13.4 | 3.4 | 412.8 | 999.9 | 99.9 | 99.9 | 40.1 | 11 |
| 69.4 | 146.7 | 18031.3 | 75.0 | -59.1 | 99.9 | 261.2 | 13.2 | 13.1 | 2.0 | 449.1 | 999.9 | 99.9 | 99.9 | 42.8 | 18 |
| 78.8 | 155.3 | 20564.2 | 50.0 | -60.4 | 99.9 | 268.5 | 4.4 | 4.1 | 1.6 | 501.2 | 999.9 | 99.9 | 99.9 | 44.8 | 24 |
| 94.0 | 164.3 | 24953.0 | 25.0 | -54.5 | 99.9 | 265.8 | 3.0 | 3.0 | 0.2 | 628.4 | 999.9 | 99.9 | 99.9 | 45.0 | 24 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 ** BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 *** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
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ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 469
DENVER, COLORADO
24 APRIL 1982
1415 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTG CM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 24.3 | 1611.0 | 830.2 | 8.9 | -4.3 | 330.0 | 1.6 | 0.8 | -1.4 | 297.5 | 307.0 | 3.4 | 39.0 | 0.0 | 0. |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 900.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 875.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 850.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.2 | 24.8 | 1663.0 | 825.0 | 8.6* | 99.9 | 99.9 | 5.7 | -5.7 | 0.7 | 297.7 | 309.2 | 3.4 | 39.0 | 0.1 | 120. |
| 0.9 | 27.4 | 1916.7 | 800.0 | 7.9 | -4.7 | 8.4 | 7.3 | -1.1 | -7.3 | 299.5 | 309.2 | 3.4 | 39.0 | 0.3 | 178. |
| 1.8 | 30.2 | 2178.5 | 775.0 | 7.4 | -6.4 | 6.2 | 8.3 | -0.9 | -8.3 | 301.8 | 310.7 | 3.1 | 36.6 | 0.7 | 184. |
| 2.7 | 32.9 | 2447.7 | 750.0 | 5.7 | -7.6 | 3.6 | 9.4 | -0.6 | -9.4 | 302.8 | 311.2 | 2.9 | 37.8 | 1.2 | 185. |
| 3.6 | 35.7 | 2724.1 | 725.0 | 3.6 | -8.5 | 355.6 | 8.7 | 0.7 | -8.7 | 303.4 | 311.6 | 2.8 | 40.5 | 1.7 | 183. |
| 4.6 | 38.4 | 3007.6 | 700.0 | 1.1 | -9.8 | 354.0 | 8.2 | 0.9 | -8.1 | 303.7 | 311.4 | 2.6 | 43.8 | 2.2 | 181. |
| 5.6 | 41.3 | 3298.9 | 675.0 | -1.1 | -11.9 | 358.4 | 9.1 | 0.3 | -9.1 | 304.4 | 311.2 | 2.3 | 43.3 | 2.7 | 180. |
| 6.7 | 44.1 | 3598.6 | 650.0 | -3.7 | -14.7 | 4.2 | 13.1 | -0.8 | -11.0 | 304.8 | 310.5 | 1.9 | 41.9 | 3.4 | 180. |
| 7.9 | 47.0 | 3907.1 | 625.0 | -6.0 | -19.6 | 11.2 | 14.9 | -2.5 | -12.8 | 305.6 | 309.6 | 1.3 | 33.0 | 4.2 | 182. |
| 9.0 | 50.0 | 4225.1 | 600.0 | -9.0 | -25.1 | 15.3 | 16.0 | -3.9 | -14.3 | 305.8 | 311.7 | 2.0 | 31.0 | 5.1 | 184. |
| 10.2 | 53.0 | 4553.0 | 575.0 | -11.8 | -30.0 | 17.8 | 17.8 | -4.9 | -15.2 | 306.1 | 311.7 | 1.8 | 28.1 | 6.2 | 186. |
| 11.3 | 56.1 | 4891.7 | 550.0 | -14.6 | -35.7 | 22.6 | 15.7 | -5.8 | -14.0 | 306.7 | 309.4 | 0.8 | 25.1 | 7.2 | 188. |
| 12.5 | 59.1 | 5242.2 | 525.0 | -17.5 | -40.2 | 28.2 | 13.7 | -6.3 | -12.1 | 307.4 | 309.3 | 0.6 | 22.4 | 8.2 | 190. |
| 13.7 | 62.3 | 5605.6 | 500.0 | -20.3 | -45.9 | 31.8 | 11.7 | -6.2 | -9.9 | 308.3 | 309.8 | 0.4 | 19.1 | 9.1 | 192. |
| 14.9 | 65.4 | 5983.3 | 475.0 | -23.3 | -50.2 | 37.8 | 9.9 | -6.1 | -7.8 | 308.2 | 310.4 | 0.3 | 16.4 | 10.0 | 194. |
| 16.3 | 68.7 | 6376.3 | 450.0 | -26.8 | -54.8 | 44.8 | 10.1 | -7.1 | -7.1 | 308.5 | 310.5 | 0.2 | 13.5 | 10.8 | 196. |
| 17.8 | 72.1 | 6785.8 | 425.0 | -30.4 | -59.2 | 48.2 | 9.5 | -5.6 | -7.7 | 309.1 | 311.0 | 0.2 | 10.8 | 11.4 | 198. |
| 19.5 | 75.6 | 7214.5 | 400.0 | -33.6 | -63.6 | 55.2 | 10.2 | -4.8 | -9.0 | 310.1 | 312.4 | 0.2 | 8.2 | 12.2 | 200. |
| 21.1 | 79.1 | 7684.1 | 375.0 | -37.2 | -67.2 | 62.2 | 8.7 | -5.0 | -7.1 | 311.4 | 313.2 | 0.2 | 5.6 | 13.2 | 201. |
| 22.8 | 82.8 | 8137.3 | 350.0 | -40.2 | -70.9 | 74.9 | 8.5 | -8.2 | -2.2 | 312.3 | 313.2 | 0.2 | 3.0 | 14.3 | 206. |
| 24.5 | 86.6 | 8642.1 | 325.0 | -43.8 | -74.9 | 83.2 | 11.6 | -11.6 | 0.7 | 319.0 | 313.2 | 0.2 | 0.8 | 15.7 | 211. |
| 26.6 | 90.5 | 9180.6 | 300.0 | -47.8 | -79.9 | 90.2 | 11.8 | -11.8 | 0.0 | 321.9 | 313.2 | 0.2 | 0.8 | 17.0 | 220. |
| 28.8 | 94.7 | 9758.4 | 275.0 | -50.6 | -83.2 | 98.7 | 11.5 | -11.3 | -0.3 | 326.0 | 313.2 | 0.2 | 0.8 | 17.7 | 223. |
| 31.2 | 99.0 | 10383.8 | 250.0 | -53.6 | -86.7 | 107.2 | 11.3 | -11.3 | -0.3 | 330.8 | 313.2 | 0.2 | 0.8 | 17.7 | 224. |
| 33.7 | 103.5 | 11070.9 | 225.0 | -56.3 | -90.3 | 134.5 | 4.8 | -3.4 | 3.4 | 341.4 | 313.2 | 0.2 | 0.8 | 17.7 | 224. |
| 36.4 | 108.5 | 11832.4 | 200.0 | -59.3 | -93.9 | 263.7 | 1.3 | 1.2 | 0.1 | 347.9 | 313.2 | 0.2 | 0.8 | 17.7 | 224. |
| 39.6 | 113.7 | 12691.6 | 175.0 | -62.2 | -97.9 | 290.6 | 4.7 | 4.4 | -1.6 | 362.2 | 313.2 | 0.2 | 0.8 | 17.7 | 224. |
| 43.3 | 119.5 | 13688.0 | 150.0 | -65.1 | -101.9 | 275.0 | 7.8 | 7.8 | -0.7 | 380.7 | 313.2 | 0.2 | 0.8 | 17.7 | 224. |
| 47.6 | 126.0 | 14862.0 | 125.0 | -68.0 | -105.9 | 270.4 | 9.4 | 9.4 | -0.1 | 396.4 | 313.2 | 0.2 | 0.8 | 17.7 | 224. |
| 52.6 | 133.3 | 16285.5 | 100.0 | -70.9 | -109.9 | 266.3 | 13.0 | 13.0 | 0.8 | 419.7 | 313.2 | 0.2 | 0.8 | 17.7 | 224. |
| 58.7 | 142.0 | 18107.8 | 75.0 | -73.8 | -113.8 | 269.2 | 10.5 | 10.5 | 0.2 | 456.4 | 313.2 | 0.2 | 0.8 | 17.7 | 224. |
| 66.4 | 152.3 | 20676.7 | 50.0 | -76.6 | -117.8 | 305.7 | 4.2 | 3.4 | -2.4 | 510.1 | 313.2 | 0.2 | 0.8 | 17.7 | 224. |
| 78.7 | 164.0 | 25127.9 | 25.0 | -80.9 | -121.8 | 399.9 | 99.9 | 99.9 | 99.9 | 638.3 | 313.2 | 0.2 | 0.8 | 17.7 | 224. |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 ** BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 *** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
 **** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

STATION NO. 489
DENVER, COLORADO
24 APRIL 1982
1715 GMT

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OF POOR QUALITY

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 23.5 | 1611.0 | 829.0 | 15.6 | -5.4 | 30.0 | 5.2 | -2.6 | -4.5 | 304.6 | 313.6 | 3.1 | 23.0 | 0.0 | 0.0 |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 900.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 875.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 850.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 1662.2 | 825.0 | 15.0 | -9.8 | 21.6 | 6.6 | -2.4 | -2.4 | 304.4 | 311.0 | 2.0 | 17.1 | 0.5 | 211.0 |
| 1.2 | 26.1 | 1920.5 | 800.0 | 11.6 | -11.5 | 22.7 | 7.2 | -2.8 | -6.7 | 303.5 | 309.4 | 2.0 | 18.5 | 0.5 | 206.0 |
| 2.4 | 29.3 | 2184.4 | 775.0 | 9.1 | -13.2 | 33.2 | 8.9 | -3.2 | -8.3 | 303.6 | 309.5 | 2.1 | 22.4 | 1.0 | 202.0 |
| 3.6 | 32.0 | 2454.6 | 750.0 | 6.8 | -15.0 | 33.6 | 7.7 | -4.8 | -7.3 | 303.9 | 308.8 | 1.8 | 22.5 | 1.7 | 204.0 |
| 4.5 | 34.8 | 2731.5 | 725.0 | 3.9 | -18.6 | 28.0 | 6.4 | -4.3 | -6.4 | 304.3 | 308.2 | 1.6 | 23.6 | 2.2 | 207.0 |
| 5.4 | 37.4 | 3015.5 | 700.0 | 1.6 | -22.5 | 18.5 | 6.4 | -4.4 | -8.3 | 304.6 | 307.5 | 1.3 | 20.7 | 2.6 | 207.0 |
| 6.3 | 40.3 | 3307.1 | 675.0 | -0.9 | -24.7 | 8.7 | 11.1 | -3.5 | -10.5 | 305.4 | 307.5 | 0.9 | 17.5 | 3.1 | 207.0 |
| 7.2 | 43.1 | 3606.9 | 650.0 | -3.2 | -26.4 | 9.6 | 12.9 | -2.0 | -12.7 | 305.4 | 307.9 | 0.8 | 17.1 | 3.8 | 205.0 |
| 8.3 | 46.0 | 3915.9 | 625.0 | -5.6 | -28.6 | 19.5 | 13.0 | -2.2 | -12.8 | 306.1 | 308.4 | 0.7 | 17.4 | 4.6 | 201.0 |
| 9.4 | 48.9 | 4234.1 | 600.0 | -8.4 | -31.1 | 29.4 | 13.8 | -3.9 | -11.1 | 306.4 | 308.3 | 0.6 | 17.8 | 5.5 | 200.0 |
| 10.8 | 51.9 | 4562.9 | 575.0 | -10.6 | -34.4 | 29.0 | 13.2 | -6.5 | -11.5 | 307.6 | 309.2 | 0.5 | 16.6 | 6.4 | 201.0 |
| 11.8 | 54.9 | 4902.9 | 550.0 | -13.4 | -38.3 | 26.8 | 12.8 | -6.4 | -11.5 | 308.2 | 309.5 | 0.4 | 16.6 | 7.3 | 202.0 |
| 13.2 | 58.0 | 5254.7 | 525.0 | -16.9 | -40.8 | 32.1 | 13.0 | -5.8 | -11.4 | 308.2 | 309.3 | 0.3 | 17.2 | 8.3 | 203.0 |
| 14.5 | 61.1 | 5618.9 | 500.0 | -20.0 | -43.4 | 35.7 | 13.3 | -6.9 | -11.0 | 308.7 | 309.6 | 0.3 | 17.6 | 9.3 | 203.0 |
| 15.9 | 64.3 | 5996.9 | 475.0 | -23.3 | -46.3 | 41.6 | 13.7 | -7.8 | -10.8 | 309.1 | 309.9 | 0.2 | 18.1 | 10.4 | 204.0 |
| 17.3 | 67.6 | 6390.1 | 450.0 | -26.5 | -48.6 | 49.4 | 14.1 | -9.1 | -10.2 | 309.9 | 310.6 | 0.2 | 18.5 | 11.5 | 206.0 |
| 18.9 | 71.0 | 6800.1 | 425.0 | -30.1 | -51.5 | 57.7 | 14.8 | -10.7 | -9.2 | 310.5 | 311.0 | 0.1 | 18.6 | 12.7 | 208.0 |
| 20.5 | 74.5 | 7229.0 | 400.0 | -33.5 | -54.7 | 61.5 | 15.2 | -12.5 | -7.9 | 311.5 | 311.9 | 0.1 | 19.9 | 14.0 | 210.0 |
| 22.2 | 78.1 | 7678.2 | 375.0 | -37.2 | -57.9 | 61.3 | 15.5 | -13.4 | -7.3 | 312.4 | 312.7 | 0.1 | 20.7 | 15.3 | 213.0 |
| 24.0 | 81.8 | 8152.0 | 350.0 | -40.1 | -61.3 | 71.3 | 15.7 | -13.6 | -7.4 | 314.7 | 314.7 | 99.9 | 99.9 | 16.8 | 216.0 |
| 26.0 | 85.7 | 8654.9 | 325.0 | -42.9 | -65.9 | 75.2 | 15.4 | -15.1 | -5.2 | 317.6 | 317.6 | 99.9 | 99.9 | 18.5 | 219.0 |
| 28.0 | 89.7 | 9191.4 | 300.0 | -45.7 | -69.9 | 77.2 | 15.7 | -15.1 | -4.0 | 321.0 | 319.9 | 99.9 | 99.9 | 20.2 | 222.0 |
| 30.1 | 93.8 | 9768.2 | 275.0 | -47.7 | -73.9 | 69.6 | 12.6 | -12.3 | -2.8 | 326.1 | 319.9 | 99.9 | 99.9 | 21.6 | 225.0 |
| 32.5 | 98.3 | 10394.8 | 250.0 | -49.5 | -77.9 | 69.6 | 9.3 | -8.7 | -3.2 | 332.4 | 319.9 | 99.9 | 99.9 | 23.0 | 227.0 |
| 34.8 | 102.8 | 11081.8 | 225.0 | -51.2 | -81.9 | 22.8 | 3.7 | -1.4 | -3.4 | 340.1 | 319.9 | 99.9 | 99.9 | 23.9 | 227.0 |
| 37.5 | 107.8 | 11841.5 | 200.0 | -52.3 | -85.9 | 320.9 | 4.3 | -2.7 | -3.4 | 350.0 | 319.9 | 99.9 | 99.9 | 24.1 | 226.0 |
| 40.5 | 113.0 | 12701.2 | 175.0 | -53.9 | -89.9 | 276.9 | 4.7 | 4.6 | -0.6 | 361.0 | 319.9 | 99.9 | 99.9 | 23.9 | 224.0 |
| 44.0 | 118.8 | 13698.0 | 150.0 | -55.1 | -93.9 | 270.9 | 7.7 | 7.7 | -0.1 | 380.3 | 319.9 | 99.9 | 99.9 | 22.9 | 222.0 |
| 48.1 | 125.2 | 14876.8 | 125.0 | -56.3 | -97.9 | 258.4 | 10.4 | 10.2 | 2.1 | 398.9 | 319.9 | 99.9 | 99.9 | 21.4 | 218.0 |
| 53.2 | 132.7 | 16300.2 | 100.0 | -56.3 | -99.9 | 263.9 | 15.4 | 15.4 | 1.6 | 418.9 | 319.9 | 99.9 | 99.9 | 18.7 | 210.0 |
| 59.2 | 140.7 | 18124.6 | 75.0 | -56.5 | -99.9 | 275.5 | 10.6 | 10.6 | -1.0 | 454.4 | 319.9 | 99.9 | 99.9 | 16.8 | 198.0 |
| 65.9 | 149.5 | 20697.5 | 50.0 | -54.9 | -99.9 | 207.1 | 4.0 | 1.8 | 3.6 | 514.3 | 319.9 | 99.9 | 99.9 | 15.7 | 168.0 |
| 78.8 | 159.0 | 25160.5 | 25.0 | -50.9 | -99.9 | 108.8 | 3.8 | -3.6 | 1.2 | 638.2 | 319.9 | 99.9 | 99.9 | 15.2 | 191.0 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE 13
OF POOR QUALITY

STATION NO. 469
DENVER, COLORADO
24 APRIL 1982
24 2015 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTD GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 24.6 | 1611.0 | 829.4 | 19.4 | -11.8 | 30.0 | 4.1 | -2.0 | -3.6 | 308.6 | 314.4 | 1.9 | 11.0 | 0.0 | 0. |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 900.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 875.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 850.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.1 | 25.1 | 1656.4 | 825.0 | 16.5 | -8.9 | 99.9 | 99.9 | 99.9 | 99.9 | 306.0 | 313.1 | 2.4 | 16.4 | 99.9 | 99.9 |
| 1.1 | 27.7 | 1916.9 | 800.0 | 14.4 | -10.8 | 99.9 | 99.9 | 99.9 | 99.9 | 306.5 | 312.8 | 2.1 | 16.4 | 99.9 | 99.9 |
| 2.1 | 30.4 | 2183.3 | 775.0 | 11.7 | -13.2 | 99.9 | 99.9 | 99.9 | 99.9 | 306.4 | 312.2 | 1.9 | 17.4 | 99.9 | 99.9 |
| 3.1 | 33.1 | 2455.9 | 750.0 | 9.1 | -13.2 | 32.6 | 9.6 | -5.2 | -8.1 | 306.5 | 312.1 | 1.8 | 17.4 | 99.9 | 99.9 |
| 4.0 | 35.9 | 2735.3 | 725.0 | 6.7 | -14.4 | 35.6 | 9.9 | -5.8 | -8.1 | 306.5 | 312.2 | 1.7 | 17.4 | 99.9 | 99.9 |
| 4.7 | 38.7 | 3021.9 | 700.0 | 3.9 | -14.0 | 32.0 | 9.9 | -3.7 | -5.9 | 306.5 | 312.2 | 1.7 | 17.4 | 99.9 | 99.9 |
| 5.5 | 41.4 | 3315.8 | 675.0 | 1.1 | -13.7 | 17.9 | 5.5 | -1.7 | -5.2 | 306.5 | 312.2 | 1.9 | 17.4 | 99.9 | 99.9 |
| 6.5 | 44.3 | 3617.7 | 650.0 | -1.9 | -13.9 | 8.5 | 5.0 | -0.5 | -4.9 | 306.5 | 312.2 | 2.0 | 17.4 | 99.9 | 99.9 |
| 7.6 | 47.2 | 3927.9 | 625.0 | -4.9 | -14.6 | 8.5 | 9.1 | -1.3 | -9.0 | 306.5 | 312.2 | 2.0 | 17.4 | 99.9 | 99.9 |
| 8.9 | 50.1 | 4247.2 | 600.0 | -7.6 | -17.4 | 16.4 | 11.5 | -3.2 | -11.0 | 306.5 | 312.2 | 2.0 | 17.4 | 99.9 | 99.9 |
| 10.1 | 53.1 | 4576.4 | 575.0 | -10.8 | -20.6 | 22.3 | 10.1 | -3.8 | -9.3 | 307.3 | 312.3 | 1.6 | 17.4 | 99.9 | 99.9 |
| 11.4 | 56.3 | 4915.9 | 550.0 | -14.2 | -26.6 | 21.4 | 10.2 | -3.7 | -9.5 | 307.3 | 312.3 | 1.5 | 17.4 | 99.9 | 99.9 |
| 12.5 | 59.3 | 5267.1 | 525.0 | -16.9 | -37.4 | 18.5 | 11.4 | -3.6 | -10.8 | 308.1 | 310.8 | 0.8 | 17.4 | 99.9 | 99.9 |
| 13.8 | 62.8 | 5631.3 | 500.0 | -19.6 | -41.2 | 14.7 | 13.3 | -3.4 | -12.8 | 308.1 | 310.2 | 0.3 | 17.4 | 99.9 | 99.9 |
| 15.2 | 65.8 | 6010.3 | 475.0 | -22.5 | -43.5 | 12.5 | 16.3 | -3.5 | -15.0 | 310.2 | 310.5 | 0.2 | 17.4 | 99.9 | 99.9 |
| 16.5 | 69.1 | 6404.3 | 450.0 | -26.2 | -43.9 | 12.5 | 17.0 | -3.7 | -15.6 | 310.2 | 310.5 | 0.2 | 17.4 | 99.9 | 99.9 |
| 18.1 | 72.4 | 6815.0 | 425.0 | -29.7 | -43.9 | 14.7 | 14.4 | -3.7 | -13.9 | 311.0 | 311.6 | 0.2 | 17.4 | 99.9 | 99.9 |
| 19.7 | 75.0 | 7244.1 | 400.0 | -33.2 | -44.4 | 23.6 | 15.0 | -6.0 | -13.7 | 311.0 | 311.6 | 0.2 | 17.4 | 99.9 | 99.9 |
| 21.2 | 79.6 | 7694.6 | 375.0 | -36.8 | -46.4 | 43.8 | 15.9 | -11.0 | -11.5 | 312.9 | 312.5 | 0.2 | 17.4 | 99.9 | 99.9 |
| 22.8 | 83.3 | 8169.2 | 350.0 | -40.1 | -49.9 | 59.0 | 17.0 | -14.6 | -8.8 | 314.6 | 313.5 | 0.2 | 17.4 | 99.9 | 99.9 |
| 24.4 | 87.3 | 8672.0 | 325.0 | -42.9 | -50.9 | 56.9 | 15.4 | -12.9 | -8.4 | 317.5 | 312.5 | 0.2 | 17.4 | 99.9 | 99.9 |
| 26.2 | 91.3 | 9208.6 | 300.0 | -45.9 | -50.9 | 46.3 | 13.4 | -9.7 | -7.2 | 320.7 | 312.5 | 0.2 | 17.4 | 99.9 | 99.9 |
| 28.1 | 95.7 | 9783.9 | 275.0 | -48.8 | -50.9 | 52.4 | 11.8 | -9.4 | -5.0 | 324.6 | 312.5 | 0.2 | 17.4 | 99.9 | 99.9 |
| 29.9 | 100.0 | 10406.0 | 250.0 | -51.4 | -50.9 | 39.9 | 6.5 | -4.2 | -4.9 | 329.7 | 312.5 | 0.2 | 17.4 | 99.9 | 99.9 |
| 32.3 | 104.6 | 11089.0 | 225.0 | -54.7 | -50.9 | 1.0 | 4.9 | -0.1 | -5.6 | 337.8 | 312.5 | 0.2 | 17.4 | 99.9 | 99.9 |
| 34.9 | 109.6 | 11844.6 | 200.0 | -58.2 | -50.9 | 334.9 | 6.1 | 2.6 | -1.8 | 347.0 | 312.5 | 0.2 | 17.4 | 99.9 | 99.9 |
| 38.1 | 115.0 | 12702.4 | 175.0 | -53.2 | -50.9 | 283.7 | 7.4 | 7.2 | 0.7 | 362.1 | 312.5 | 0.2 | 17.4 | 99.9 | 99.9 |
| 41.7 | 120.6 | 13699.9 | 150.0 | -51.5 | -50.9 | 265.9 | 10.3 | 10.3 | 0.7 | 381.4 | 312.5 | 0.2 | 17.4 | 99.9 | 99.9 |
| 46.1 | 127.0 | 14875.3 | 125.0 | -54.2 | -50.9 | 282.0 | 13.8 | 13.7 | 1.9 | 397.0 | 312.5 | 0.2 | 17.4 | 99.9 | 99.9 |
| 51.3 | 133.7 | 16300.0 | 100.0 | -56.1 | -50.9 | 270.0 | 12.0 | 12.0 | -0.0 | 419.4 | 312.5 | 0.2 | 17.4 | 99.9 | 99.9 |
| 58.2 | 141.7 | 18123.4 | 75.0 | -56.3 | -50.9 | 259.1 | 9.0 | 8.8 | 1.7 | 454.8 | 312.5 | 0.2 | 17.4 | 99.9 | 99.9 |
| 66.5 | 150.0 | 20693.9 | 50.0 | -56.1 | -50.9 | 244.8 | 4.7 | 4.3 | 2.0 | 511.4 | 312.5 | 0.2 | 17.4 | 99.9 | 99.9 |
| 79.8 | 159.0 | 25248.7 | 25.0 | -49.1 | -50.9 | 99.9 | 99.9 | 99.9 | 99.9 | 643.4 | 312.5 | 0.2 | 17.4 | 99.9 | 99.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 ** BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 *** BY TEMP MEANS ELEVATION ANGLE LESS THAN 6 DEG
 **** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY.

STATION NO. 469
DENVER, COLORADO
25 APRIL 1982
215 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POI T DG K | E POI T DG K | MX RIO CM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 25.7 | 1611.0 | 830.6 | 14.4 | -3.9 | 999.9 | 99.9 | 99.9 | 99.9 | 303.2 | 313.3 | 3.5 | 28.0 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 900.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 875.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 850.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 825.0 | 13.5 | -6.9 | 999.9 | 99.9 | 99.9 | 99.9 | 302.2 | 311.0 | 2.8 | 27.3 | 999.9 | 999.9 |
| 0.2 | 26.2 | 1668.0 | 800.0 | 11.3 | -6.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 1.0 | 29.1 | 1925.5 | 775.0 | 99.9** | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 1.8 | 31.9 | 99.9 | 750.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 2.7 | 34.9 | 99.9 | 725.0 | 99.9** | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 3.6 | 37.8 | 99.9 | 700.0 | 99.9** | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 4.6 | 40.7 | 99.9 | 675.0 | -0.0 | -8.5 | 999.9 | 99.9 | 99.9 | 99.9 | 305.6 | 314.5 | 3.0 | 52.8 | 999.9 | 999.9 |
| 5.5 | 43.7 | 99.9 | 650.0 | -2.3 | -10.1 | 999.9 | 99.9 | 99.9 | 99.9 | 306.4 | 314.5 | 2.7 | 54.8 | 999.9 | 999.9 |
| 6.5 | 46.6 | 99.9 | 625.0 | -5.1 | -10.8 | 999.9 | 99.9 | 99.9 | 99.9 | 306.6 | 314.6 | 2.7 | 76.6 | 999.9 | 999.9 |
| 7.4 | 49.8 | 99.9 | 600.0 | -8.2 | -11.3 | 999.9 | 99.9 | 99.9 | 99.9 | 306.6 | 314.6 | 2.5 | 76.6 | 999.9 | 999.9 |
| 8.7 | 52.9 | 99.9 | 575.0 | -11.4 | -12.6 | 999.9 | 99.9 | 99.9 | 99.9 | 307.4 | 313.8 | 2.1 | 50.6 | 999.9 | 999.9 |
| 9.8 | 55.9 | 99.9 | 550.0 | -14.1 | -15.3 | 999.9 | 99.9 | 99.9 | 99.9 | 308.9 | 313.0 | 1.3 | 62.7 | 999.9 | 999.9 |
| 11.2 | 59.0 | 99.9 | 525.0 | -16.2 | -18.0 | 999.9 | 99.9 | 99.9 | 99.9 | 309.9 | 313.1 | 1.0 | 58.0 | 999.9 | 999.9 |
| 12.6 | 62.3 | 99.9 | 500.0 | -19.0 | -21.5 | 999.9 | 99.9 | 99.9 | 99.9 | 310.2 | 313.5 | 0.8 | 77.2 | 999.9 | 999.9 |
| 13.8 | 65.5 | 99.9 | 475.0 | -22.4 | -25.3 | 999.9 | 99.9 | 99.9 | 99.9 | 311.0 | 313.6 | 0.4 | 77.6 | 999.9 | 999.9 |
| 15.1 | 68.9 | 99.9 | 450.0 | -25.7 | -28.4 | 999.9 | 99.9 | 99.9 | 99.9 | 313.0 | 314.4 | 0.3 | 47.0 | 999.9 | 999.9 |
| 16.5 | 72.3 | 99.9 | 425.0 | -28.1 | -31.9 | 999.9 | 99.9 | 99.9 | 99.9 | 315.3 | 315.7 | 0.2 | 45.8 | 999.9 | 999.9 |
| 18.2 | 75.9 | 99.9 | 400.0 | -31.6 | -35.4 | 999.9 | 99.9 | 99.9 | 99.9 | 315.3 | 315.7 | 0.2 | 50.8 | 999.9 | 999.9 |
| 19.9 | 79.4 | 99.9 | 375.0 | -35.7 | -39.8 | 999.9 | 99.9 | 99.9 | 99.9 | 315.3 | 315.7 | 0.2 | 50.8 | 999.9 | 999.9 |
| 21.7 | 83.2 | 99.9 | 350.0 | -39.8 | -42.2 | 999.9 | 99.9 | 99.9 | 99.9 | 315.3 | 315.7 | 0.2 | 50.8 | 999.9 | 999.9 |
| 23.5 | 87.0 | 99.9 | 325.0 | -44.4 | -47.7 | 999.9 | 99.9 | 99.9 | 99.9 | 317.4 | 315.3 | 0.2 | 50.8 | 999.9 | 999.9 |
| 25.5 | 91.0 | 99.9 | 300.0 | -48.3 | -51.9 | 999.9 | 99.9 | 99.9 | 99.9 | 322.1 | 315.3 | 0.2 | 50.8 | 999.9 | 999.9 |
| 27.7 | 95.0 | 99.9 | 275.0 | -50.5 | -55.3 | 999.9 | 99.9 | 99.9 | 99.9 | 325.8 | 315.3 | 0.2 | 50.8 | 999.9 | 999.9 |
| 29.9 | 99.3 | 99.9 | 250.0 | -54.0 | -58.4 | 999.9 | 99.9 | 99.9 | 99.9 | 328.1 | 315.3 | 0.2 | 50.8 | 999.9 | 999.9 |
| 32.4 | 103.8 | 99.9 | 225.0 | -56.3 | -61.9 | 999.9 | 99.9 | 99.9 | 99.9 | 332.3 | 315.3 | 0.2 | 50.8 | 999.9 | 999.9 |
| 34.9 | 108.4 | 99.9 | 200.0 | -58.4 | -65.4 | 999.9 | 99.9 | 99.9 | 99.9 | 335.9 | 315.3 | 0.2 | 50.8 | 999.9 | 999.9 |
| 38.0 | 113.4 | 99.9 | 175.0 | -61.9 | -68.9 | 999.9 | 99.9 | 99.9 | 99.9 | 339.7 | 315.3 | 0.2 | 50.8 | 999.9 | 999.9 |
| 41.3 | 118.6 | 99.9 | 150.0 | -65.4 | -72.4 | 999.9 | 99.9 | 99.9 | 99.9 | 343.4 | 315.3 | 0.2 | 50.8 | 999.9 | 999.9 |
| 45.1 | 124.2 | 99.9 | 125.0 | -68.9 | -75.9 | 999.9 | 99.9 | 99.9 | 99.9 | 347.1 | 315.3 | 0.2 | 50.8 | 999.9 | 999.9 |
| 49.8 | 130.5 | 99.9 | 100.0 | -72.4 | -79.4 | 999.9 | 99.9 | 99.9 | 99.9 | 350.8 | 315.3 | 0.2 | 50.8 | 999.9 | 999.9 |
| 54.9 | 137.3 | 99.9 | 75.0 | -75.9 | -82.9 | 999.9 | 99.9 | 99.9 | 99.9 | 354.5 | 315.3 | 0.2 | 50.8 | 999.9 | 999.9 |
| 61.5 | 145.0 | 99.9 | 50.0 | -79.4 | -86.4 | 999.9 | 99.9 | 99.9 | 99.9 | 358.2 | 315.3 | 0.2 | 50.8 | 999.9 | 999.9 |
| 70.1 | 153.3 | 99.9 | 25.0 | -82.9 | -89.9 | 999.9 | 99.9 | 99.9 | 99.9 | 361.9 | 315.3 | 0.2 | 50.8 | 999.9 | 999.9 |
| 84.3 | 162.3 | 99.9 | 0.0 | -86.4 | -93.4 | 999.9 | 99.9 | 99.9 | 99.9 | 365.6 | 315.3 | 0.2 | 50.8 | 999.9 | 999.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE 13
OF POOR QUALITY

| STATION NO. 469 DENVER, COLORADO | | | | | | | | | | | | | | 146 | 14. | 0 |
|-------------------------------------|------|-------|---------|--------|-------|--------|-------|-------|--------|--------|-------|---------|--------|-------|-------|-----|
| 25 APRIL 1982 | | | | | | | | | | | | | | | | |
| 515 GMT | | | | | | | | | | | | | | | | |
| TIME | MIN | CNTCT | HEIGHT | PRES | TEMP | DEW PT | DIR | SPEED | U COMP | V COMP | POT I | E POT I | MX RIO | RH | RANGE | AZ |
| | | | GPM | MB | DG C | DG C | DG | M/SEC | M/SEC | M/SEC | DG K | DG K | GM/KG | PCT | KM | DG |
| 0 | 0 | 24.1 | 1611.0 | 831.8 | 12.2 | -4.0 | 999.9 | 99.9 | 99.9 | 99.9 | 300.8 | 310.6 | 3.4 | 32.0 | 0.0 | 0 |
| 99.9 | 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999 |
| 99.9 | 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999 |
| 99.9 | 99.9 | 99.9 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999 |
| 99.9 | 99.9 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999 |
| 99.9 | 99.9 | 99.9 | 99.9 | 900.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999 |
| 99.9 | 99.9 | 99.9 | 99.9 | 875.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999 |
| 99.9 | 99.9 | 99.9 | 99.9 | 850.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999 |
| 0 | 2 | 24.8 | 1678.8 | 855.0 | 11.1 | -12.4 | 999.9 | 99.9 | 99.9 | 99.9 | 294.4 | 300.0 | 1.3 | 26.2 | 20.2 | 999 |
| 1.0 | 1.6 | 27.4 | 1834.3 | 800.0 | 11.1 | -8.4 | 999.9 | 99.9 | 99.9 | 99.9 | 303.0 | 310.5 | 1.3 | 24.5 | 24.5 | 999 |
| 2.4 | 3.2 | 30.1 | 2198.0 | 775.0 | 9.1 | -8.1 | 999.9 | 99.9 | 99.9 | 99.9 | 303.6 | 311.5 | 2.7 | 28.8 | 28.8 | 999 |
| 3.3 | 3.3 | 32.8 | 2468.6 | 750.0 | 8.8 | -8.7 | 999.9 | 99.9 | 99.9 | 99.9 | 304.0 | 311.8 | 2.6 | 31.5 | 31.5 | 999 |
| 4.2 | 4.2 | 35.6 | 2745.9 | 725.0 | 4.6 | -9.8 | 999.9 | 99.9 | 99.9 | 99.9 | 304.5 | 312.0 | 2.5 | 34.3 | 34.3 | 999 |
| 5.0 | 5.0 | 38.3 | 3030.6 | 700.0 | 2.3 | -10.5 | 999.9 | 99.9 | 99.9 | 99.9 | 305.0 | 312.3 | 2.5 | 38.3 | 38.3 | 999 |
| 5.9 | 5.9 | 41.1 | 3322.9 | 675.0 | -0.6 | -10.5 | 999.9 | 99.9 | 99.9 | 99.9 | 304.9 | 312.5 | 2.6 | 47.3 | 47.3 | 999 |
| 6.8 | 6.8 | 43.9 | 3623.5 | 650.0 | -2.7 | -11.5 | 999.9 | 99.9 | 99.9 | 99.9 | 305.9 | 313.2 | 2.4 | 50.6 | 50.6 | 999 |
| 7.8 | 7.8 | 46.8 | 3923.2 | 625.0 | -5.5 | -12.2 | 99.9 | 8.8 | -2.9 | -8.3 | 306.1 | 313.3 | 2.1 | 59.5 | 59.5 | 999 |
| 8.8 | 8.8 | 49.7 | 4222.2 | 600.0 | -8.0 | -14.6 | 13.6 | 10.5 | -2.5 | -10.2 | 308.9 | 313.1 | 2.1 | 58.8 | 58.8 | 999 |
| 9.8 | 9.8 | 52.8 | 4521.3 | 575.0 | -10.9 | -17.3 | 11.9 | 12.7 | -2.6 | -12.5 | 307.2 | 312.4 | 1.7 | 59.1 | 59.1 | 999 |
| 10.9 | 10.9 | 55.8 | 4821.3 | 550.0 | -13.7 | -20.3 | 11.9 | 13.8 | -2.8 | -13.1 | 307.8 | 312.1 | 1.4 | 57.5 | 57.5 | 999 |
| 12.1 | 12.1 | 58.8 | 5121.2 | 525.0 | -16.7 | -21.4 | 9.2 | 13.5 | -2.1 | -13.5 | 308.4 | 312.5 | 1.3 | 66.4 | 66.4 | 999 |
| 13.4 | 13.4 | 62.0 | 5421.2 | 500.0 | -19.7 | -25.1 | 6.1 | 14.7 | -0.4 | -14.7 | 309.0 | 312.2 | 1.0 | 62.1 | 62.1 | 999 |
| 14.5 | 14.5 | 65.7 | 5721.2 | 475.0 | -22.3 | -33.0 | 0.6 | 13.5 | 1.4 | -14.7 | 311.0 | 312.0 | 0.5 | 37.2 | 37.2 | 999 |
| 15.8 | 15.8 | 68.5 | 6016.9 | 450.0 | -25.6 | -36.7 | 34.6 | 13.5 | 2.2 | -13.5 | 311.5 | 312.3 | 0.4 | 34.4 | 34.4 | 999 |
| 17.3 | 17.3 | 72.0 | 6411.7 | 425.0 | -29.2 | -38.5 | 32.4 | 13.9 | 4.0 | -13.4 | 312.3 | 313.5 | 0.3 | 49.1 | 49.1 | 999 |
| 18.7 | 18.7 | 75.4 | 6823.1 | 400.0 | -32.8 | -43.2 | 35.6 | 13.9 | 3.7 | -13.4 | 312.3 | 313.5 | 0.3 | 56.7 | 56.7 | 999 |
| 20.5 | 20.5 | 79.0 | 7204.3 | 375.0 | -36.2 | -48.2 | 35.6 | 13.9 | 0.8 | -11.9 | 313.6 | 314.4 | 0.2 | 48.0 | 48.0 | 999 |
| 22.3 | 22.3 | 82.8 | 7604.3 | 350.0 | -40.5 | -53.9 | 37.8 | 10.3 | -3.7 | -10.3 | 314.1 | 315.1 | 99.9 | 999.9 | 999.9 | 999 |
| 24.5 | 24.5 | 86.7 | 8004.3 | 325.0 | -44.7 | -59.9 | 39.8 | 10.3 | -6.3 | -8.2 | 315.1 | 315.9 | 99.9 | 999.9 | 999.9 | 999 |
| 26.6 | 26.6 | 90.7 | 8404.3 | 300.0 | -47.4 | -65.9 | 39.8 | 8.4 | -4.1 | -7.3 | 318.5 | 318.5 | 99.9 | 999.9 | 999.9 | 999 |
| 28.5 | 28.5 | 95.0 | 8804.3 | 275.0 | -51.4 | -71.9 | 35.7 | 7.4 | 0.3 | -7.4 | 320.8 | 318.5 | 99.9 | 999.9 | 999.9 | 999 |
| 31.1 | 31.1 | 103.8 | 9204.3 | 250.0 | -55.0 | -77.9 | 34.3 | 9.2 | 2.7 | -6.8 | 324.3 | 318.5 | 99.9 | 999.9 | 999.9 | 999 |
| 33.9 | 33.9 | 108.8 | 9604.3 | 225.0 | -58.8 | -83.9 | 33.8 | 8.0 | 3.5 | -4.0 | 328.4 | 318.5 | 99.9 | 999.9 | 999.9 | 999 |
| 37.0 | 37.0 | 114.2 | 10004.3 | 200.0 | -62.6 | -89.9 | 33.8 | 8.0 | 6.9 | -4.0 | 332.8 | 318.5 | 99.9 | 999.9 | 999.9 | 999 |
| 40.8 | 40.8 | 120.2 | 10404.3 | 175.0 | -66.4 | -95.9 | 33.8 | 8.0 | 11.8 | -3.3 | 337.2 | 318.5 | 99.9 | 999.9 | 999.9 | 999 |
| 45.3 | 45.3 | 126.7 | 10804.3 | 150.0 | -70.2 | -101.9 | 33.8 | 8.0 | 11.8 | -0.8 | 341.6 | 318.5 | 99.9 | 999.9 | 999.9 | 999 |
| 50.5 | 50.5 | 134.3 | 11204.3 | 125.0 | -74.0 | -107.9 | 33.8 | 8.0 | 11.8 | 2.4 | 346.0 | 318.5 | 99.9 | 999.9 | 999.9 | 999 |
| 56.7 | 56.7 | 143.0 | 11604.3 | 100.0 | -77.8 | -113.9 | 33.8 | 8.0 | 11.8 | 2.0 | 350.4 | 318.5 | 99.9 | 999.9 | 999.9 | 999 |
| 65.5 | 65.5 | 153.3 | 12004.3 | 75.0 | -81.6 | -119.9 | 33.8 | 8.0 | 11.5 | 0.8 | 354.8 | 318.5 | 99.9 | 999.9 | 999.9 | 999 |
| 79.8 | 79.8 | 164.5 | 12404.3 | 50.0 | -85.4 | -125.9 | 33.8 | 8.0 | 2.0 | 3.2 | 359.2 | 318.5 | 99.9 | 999.9 | 999.9 | 999 |
| | | | | 25.0 | -89.2 | -131.9 | 33.8 | 3.1 | | 2.4 | 363.6 | 318.5 | 99.9 | 999.9 | 999.9 | 999 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 ** BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 *** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
 **** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE
OF POOR QUALITY

STATION NO. 476
GRAND JUNCTION, COLORADO
24 APRIL 1982
1415 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MY RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 23.6 | 1472.0 | 850.6 | 6.7 | 5.7 | 120.0 | 2.6 | -2.3 | 1.3 | 293.1 | 311.2 | 6.8 | 93.0 | 0 | 0 |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 95.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 900.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 875.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.0 | 22.7 | 1477.8 | 850.0 | 6.5 | 4.7 | 124.2 | 2.4 | -2.0 | 1.3 | 292.9 | 310.0 | 6.4 | 93.0 | 0 | 0 |
| 0.8 | 25.4 | 1722.8 | 825.0 | 6.0 | 2.4 | 114.5 | 1.0 | -0.9 | 0.4 | 294.9 | 309.4 | 5.5 | 77.8 | 0 | 1 |
| 1.7 | 28.2 | 1974.4 | 800.0 | 4.2 | 0.6 | 7.0 | 1.3 | -0.2 | 0.4 | 295.6 | 309.5 | 5.0 | 77.1 | 0 | 1 |
| 2.5 | 31.0 | 2232.3 | 775.0 | 2.6 | -0.7 | 316.0 | 1.7 | 1.2 | -1.2 | 296.6 | 309.8 | 4.7 | 86.2 | 0 | 0 |
| 3.4 | 33.8 | 2495.8 | 750.0 | 0.5 | -1.5 | 307.9 | 3.1 | 2.5 | -1.9 | 297.1 | 310.4 | 4.6 | 86.2 | 0 | 0 |
| 4.3 | 36.6 | 2769.1 | 725.0 | 0.1 | -4.3 | 302.1 | 11.1 | 9.6 | -5.6 | 299.6 | 310.2 | 3.8 | 86.2 | 0 | 0 |
| 5.3 | 39.5 | 3049.6 | 700.0 | -1.3 | -8.8 | 332.4 | 8.5 | 7.2 | -4.5 | 301.0 | 309.2 | 2.8 | 86.2 | 0 | 0 |
| 6.0 | 42.4 | 3339.4 | 675.0 | -2.0 | -10.7 | 347.2 | 9.0 | 4.2 | -6.0 | 303.4 | 310.7 | 2.5 | 86.2 | 0 | 0 |
| 7.1 | 45.3 | 3638.5 | 650.0 | -4.1 | -13.3 | 347.2 | 9.6 | 2.3 | -9.3 | 305.1 | 310.2 | 1.7 | 86.2 | 0 | 0 |
| 8.1 | 48.3 | 3946.5 | 625.0 | -6.4 | -16.6 | 345.4 | 8.8 | 1.4 | -8.6 | 305.8 | 309.8 | 1.4 | 86.2 | 0 | 0 |
| 9.2 | 51.3 | 4264.2 | 600.0 | -9.2 | -19.1 | 350.5 | 8.8 | 2.4 | -8.5 | 305.8 | 309.8 | 1.3 | 86.2 | 0 | 0 |
| 10.4 | 54.4 | 4591.9 | 575.0 | -12.1 | -20.2 | 343.9 | 8.7 | 3.9 | -7.7 | 306.4 | 311.6 | 1.1 | 86.2 | 0 | 0 |
| 11.5 | 57.5 | 4930.4 | 550.0 | -14.9 | -18.0 | 333.2 | 9.4 | 5.0 | -7.9 | 307.1 | 311.7 | 0.9 | 86.2 | 0 | 0 |
| 12.9 | 60.7 | 5280.7 | 525.0 | -17.8 | -20.0 | 328.0 | 10.7 | 4.9 | -9.6 | 308.0 | 311.0 | 0.7 | 86.2 | 0 | 0 |
| 13.9 | 63.9 | 5644.1 | 500.0 | -20.5 | -25.6 | 346.3 | 9.4 | 2.2 | -8.1 | 308.5 | 310.7 | 0.7 | 86.2 | 0 | 0 |
| 15.4 | 67.1 | 6021.5 | 475.0 | -23.8 | -30.1 | 346.3 | 8.6 | 0.0 | -8.5 | 309.7 | 311.8 | 0.3 | 86.2 | 0 | 0 |
| 16.7 | 70.6 | 6414.1 | 450.0 | -26.7 | -30.6 | 359.9 | 9.7 | 0.4 | -9.7 | 311.4 | 312.5 | 0.3 | 86.2 | 0 | 0 |
| 18.1 | 74.0 | 6824.2 | 425.0 | -29.3 | -38.7 | 357.5 | 9.7 | 0.9 | -10.9 | 312.0 | 312.8 | 0.2 | 86.2 | 0 | 0 |
| 19.7 | 77.6 | 7253.7 | 400.0 | -33.1 | -42.2 | 355.3 | 11.0 | 1.0 | -12.4 | 312.0 | 313.7 | 0.2 | 86.2 | 0 | 0 |
| 21.3 | 81.3 | 7704.5 | 375.0 | -36.8 | -46.1 | 355.3 | 12.4 | -1.6 | -12.1 | 312.2 | 313.7 | 0.2 | 86.2 | 0 | 0 |
| 23.1 | 85.1 | 8178.4 | 350.0 | -40.5 | -49.9 | 15.3 | 12.4 | -3.3 | -11.9 | 315.1 | 315.1 | 0.2 | 86.2 | 0 | 0 |
| 24.9 | 89.0 | 8678.6 | 325.0 | -44.7 | -53.9 | 13.1 | 13.7 | -3.1 | -13.4 | 318.8 | 318.8 | 0.2 | 86.2 | 0 | 0 |
| 26.8 | 93.2 | 9210.8 | 300.0 | -47.2 | -57.9 | 5.8 | 14.4 | -1.4 | -14.3 | 322.5 | 322.5 | 0.2 | 86.2 | 0 | 0 |
| 28.9 | 97.5 | 9782.8 | 275.0 | -50.2 | -61.9 | 357.9 | 14.3 | 0.5 | -14.3 | 325.5 | 325.5 | 0.2 | 86.2 | 0 | 0 |
| 31.0 | 102.0 | 10403.6 | 250.0 | -51.0 | -65.9 | 345.4 | 10.5 | 2.6 | -10.2 | 336.9 | 336.9 | 0.2 | 86.2 | 0 | 0 |
| 33.3 | 106.8 | 11086.1 | 225.0 | -53.3 | -69.9 | 345.4 | 10.5 | 3.6 | -6.8 | 348.2 | 348.2 | 0.2 | 86.2 | 0 | 0 |
| 36.0 | 112.0 | 11844.3 | 200.0 | -53.4 | -73.9 | 332.4 | 7.7 | 5.0 | -3.6 | 361.3 | 361.3 | 0.2 | 86.2 | 0 | 0 |
| 38.9 | 117.5 | 12702.7 | 175.0 | -53.7 | -77.9 | 305.9 | 6.1 | 9.8 | -2.8 | 378.3 | 378.3 | 0.2 | 86.2 | 0 | 0 |
| 42.2 | 123.5 | 13695.3 | 150.0 | -53.3 | -81.9 | 286.0 | 10.2 | 9.7 | 0.2 | 399.5 | 399.5 | 0.2 | 86.2 | 0 | 0 |
| 46.1 | 130.0 | 14871.0 | 125.0 | -52.8 | -85.9 | 269.0 | 9.7 | 11.5 | 1.1 | 417.6 | 417.6 | 0.2 | 86.2 | 0 | 0 |
| 51.2 | 138.0 | 16294.0 | 100.0 | -57.0 | -89.9 | 264.7 | 11.6 | 10.3 | -1.2 | 453.6 | 453.6 | 0.2 | 86.2 | 0 | 0 |
| 57.2 | 145.7 | 18115.9 | 75.0 | -56.9 | -93.9 | 276.5 | 10.3 | 2.8 | -0.9 | 511.9 | 511.9 | 0.2 | 86.2 | 0 | 0 |
| 65.3 | 157.0 | 20681.8 | 50.0 | -55.8 | -97.9 | 288.1 | 3.0 | -5.0 | 0.6 | 635.9 | 635.9 | 0.2 | 86.2 | 0 | 0 |
| 77.1 | 167.5 | 25145.7 | 25.0 | -51.8 | -99.9 | 96.5 | 5.1 | | | | | | | | |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
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ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 476
GRAND JUNCTION, COLORADO
24 APRIL 1982
2015 GMT

| TIME MIN | ONTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POI T DG K | E POT T DG K | MX RTO CM/KC | RH PCT | RANGE NM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 22.2 | 1472.0 | 848.8 | 16.7 | -0.1 | 350.0 | 3.6 | 0.6 | -3.5 | 303.8 | 316.6 | 4.5 | 32 | 0 | 0 |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 900.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 875.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 850.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.6 | 24.8 | 1712.7 | 825.0 | 13.9 | -0.4 | 284.4 | 3.0 | 2.9 | -0.7 | 303.2 | 316.2 | 4.5 | 37.6 | 0 | 1 |
| 1.4 | 27.4 | 1970.4 | 800.0 | 10.1 | -1.0 | 286.0 | 2.9 | 2.8 | -0.8 | 301.9 | 314.6 | 4.4 | 45.8 | 0 | 1 |
| 2.5 | 30.2 | 2233.2 | 775.0 | 7.5 | -1.0 | 274.2 | 3.7 | 3.7 | -0.3 | 301.8 | 314.6 | 4.4 | 54.8 | 0 | 1 |
| 3.5 | 32.9 | 2502.3 | 750.0 | 5.0 | -1.9 | 276.8 | 3.7 | 3.7 | -0.4 | 302.0 | 314.6 | 4.4 | 60.9 | 0 | 1 |
| 4.5 | 35.7 | 2778.1 | 725.0 | 3.3 | -7.1 | 314.3 | 4.9 | 3.5 | -3.4 | 303.1 | 312.2 | 3.1 | 46.5 | 0 | 1 |
| 5.7 | 38.4 | 3061.8 | 700.0 | 1.5 | -9.6 | 329.6 | 7.1 | 3.6 | -6.0 | 304.1 | 311.9 | 2.6 | 43.3 | 1 | 1 |
| 7.1 | 41.3 | 3353.6 | 675.0 | -0.6 | -13.1 | 330.2 | 6.9 | 3.4 | -6.0 | 305.0 | 311.3 | 2.1 | 38.0 | 1 | 1 |
| 8.5 | 44.1 | 3653.8 | 650.0 | -3.2 | -17.2 | 341.7 | 8.4 | 2.0 | -8.1 | 305.4 | 310.0 | 1.5 | 32.9 | 2 | 1 |
| 9.7 | 47.1 | 3962.5 | 625.0 | -5.7 | -20.5 | 347.3 | 5.5 | 1.2 | -5.3 | 305.9 | 309.7 | 1.2 | 30.0 | 2 | 1 |
| 10.9 | 50.0 | 4281.2 | 600.0 | -8.2 | -23.1 | 350.1 | 5.6 | 1.0 | -5.5 | 306.5 | 310.2 | 1.1 | 28.6 | 3 | 1 |
| 12.2 | 53.0 | 4609.4 | 575.0 | -11.0 | -25.9 | 348.7 | 7.8 | 1.8 | -7.6 | 306.4 | 309.7 | 1.1 | 26.6 | 3 | 1 |
| 13.4 | 56.1 | 4948.5 | 550.0 | -14.0 | -27.8 | 349.7 | 8.6 | 1.5 | -8.4 | 307.5 | 309.8 | 0.7 | 24.7 | 3 | 1 |
| 14.7 | 59.1 | 5299.8 | 525.0 | -16.8 | -29.1 | 353.7 | 8.7 | 0.9 | -8.6 | 308.3 | 309.9 | 0.5 | 22.9 | 4 | 1 |
| 16.0 | 62.3 | 5665.1 | 500.0 | -19.0 | -31.7 | 352.9 | 8.2 | 1.0 | -8.1 | 309.3 | 311.3 | 0.4 | 21.7 | 4 | 1 |
| 17.6 | 65.6 | 6044.9 | 475.0 | -22.0 | -34.4 | 360.0 | 8.6 | 0.4 | -8.6 | 310.8 | 311.8 | 0.3 | 20.2 | 4 | 1 |
| 19.1 | 68.9 | 6439.5 | 450.0 | -26.0 | -40.2 | 360.0 | 8.9 | 0.0 | -10.6 | 312.5 | 313.4 | 0.2 | 18.6 | 6 | 1 |
| 20.6 | 72.3 | 6851.0 | 425.0 | -30.7 | -45.9 | 359.7 | 10.6 | 0.2 | -11.6 | 313.6 | 314.2 | 0.2 | 17.7 | 7 | 1 |
| 22.1 | 75.9 | 7282.4 | 400.0 | -31.8 | -48.8 | 352.1 | 13.9 | 0.1 | -13.8 | 314.5 | 314.5 | 0.1 | 16.6 | 8 | 1 |
| 23.5 | 79.4 | 7734.9 | 375.0 | -35.6 | -50.9 | 354.7 | 14.6 | 1.9 | -14.5 | 315.4 | 315.4 | 99.9 | 15.0 | 9 | 1 |
| 25.2 | 83.0 | 8210.9 | 350.0 | -39.6 | -53.6 | 358.0 | 15.6 | 0.5 | -15.3 | 317.4 | 317.4 | 99.9 | 14.3 | 10 | 1 |
| 26.8 | 87.0 | 8713.6 | 325.0 | -43.0 | -57.0 | 359.3 | 15.3 | 0.2 | -15.3 | 319.1 | 319.1 | 99.9 | 13.0 | 11 | 1 |
| 28.8 | 91.1 | 9248.8 | 300.0 | -47.0 | -60.2 | 358.6 | 15.3 | 0.4 | -15.3 | 322.5 | 322.5 | 99.9 | 12.0 | 12 | 1 |
| 30.6 | 95.3 | 9820.6 | 275.0 | -50.2 | -63.4 | 343.4 | 10.7 | 3.1 | -10.2 | 327.0 | 327.0 | 99.9 | 11.5 | 13 | 1 |
| 32.5 | 99.8 | 10439.1 | 250.0 | -53.2 | -66.6 | 336.6 | 10.6 | 4.2 | -9.8 | 333.2 | 333.2 | 99.9 | 10.9 | 14 | 1 |
| 34.9 | 104.6 | 11113.5 | 225.0 | -55.7 | -69.9 | 314.1 | 8.8 | 6.3 | -6.1 | 343.2 | 343.2 | 99.9 | 10.2 | 15 | 1 |
| 37.3 | 109.6 | 11861.1 | 200.0 | -56.6 | -72.2 | 283.2 | 10.9 | 10.6 | -2.5 | 359.8 | 359.8 | 99.9 | 9.9 | 16 | 1 |
| 40.1 | 115.0 | 12713.2 | 175.0 | -54.6 | -75.0 | 266.1 | 10.5 | 10.6 | 0.7 | 380.4 | 380.4 | 99.9 | 9.9 | 17 | 1 |
| 42.5 | 121.0 | 13711.7 | 150.0 | -52.0 | -78.8 | 268.6 | 11.9 | 10.6 | 0.3 | 397.5 | 397.5 | 99.9 | 9.9 | 18 | 1 |
| 44.3 | 127.7 | 14885.7 | 125.0 | -53.8 | -80.9 | 268.6 | 12.0 | 11.9 | 0.8 | 420.2 | 420.2 | 99.9 | 9.9 | 19 | 1 |
| 52.2 | 135.3 | 16308.6 | 100.0 | -55.7 | -85.9 | 259.6 | 8.7 | 8.5 | 1.6 | 453.6 | 453.6 | 99.9 | 9.9 | 20 | 1 |
| 58.1 | 144.3 | 18135.1 | 75.0 | -56.9 | -90.9 | 233.5 | 3.3 | 2.7 | 2.0 | 513.5 | 513.5 | 99.9 | 9.9 | 21 | 1 |
| 65.6 | 154.5 | 20712.4 | 50.0 | -55.2 | -99.9 | 233.5 | 3.3 | 2.7 | 2.0 | 513.5 | 513.5 | 99.9 | 9.9 | 22 | 1 |
| 77.8 | 165.7 | 25194.6 | 25.0 | -49.6 | -99.9 | 210.6 | 0.8 | 0.4 | 0.7 | 642.5 | 642.5 | 99.9 | 9.9 | 23 | 1 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

| STATION NO. 476 GRAND JUNCTION, COLORADO | | | | | | | | | | | | | | 125 68. 0 | |
|---------------------------------------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 25 APRIL 1982 | | | | | | | | | | | | | | | |
| 205 GMT | | | | | | | | | | | | | | | |
| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POI T DG K | E POT T DG K | MX RTO GM/NG | RH PCT | RANGE KM | AZ DG |
| 0. 0 | 22.5 | 1472.0 | 845.0 | 18.3 | -3.2 | 280.0 | 5.2 | 5.1 | -0.9 | 305.7 | 316.2 | 3.6 | 23.0 | 0.0 | 0. |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 900.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 875.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 850.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0. 7 | 24.7 | 1880.4 | 825.0 | 16.0 | -7.6 | 254.1 | 6.0 | 5.7 | 1.6 | 306.1 | 313.5 | 2.6 | 12.4 | 0.3 | 92. |
| 1. 8 | 27.3 | 1948.7 | 800.0 | 14.0 | -8.7 | 269.7 | 6.2 | 6.2 | 0.6 | 308.1 | 313.5 | 2.5 | 19.8 | 0.6 | 87. |
| 2. 5 | 30.0 | 2213.1 | 775.0 | 11.9 | -10.7 | 278.4 | 5.7 | 5.6 | -0.8 | 306.6 | 313.6 | 2.3 | 20.7 | 1.0 | 89. |
| 3. 8 | 32.8 | 2485.7 | 750.0 | 8.8 | -10.7 | 280.3 | 4.9 | 4.9 | -0.9 | 306.2 | 312.9 | 2.2 | 23.8 | 1.3 | 92. |
| 4. 8 | 35.4 | 2765.0 | 725.0 | 6.3 | -11.6 | 288.6 | 4.9 | 4.6 | -1.5 | 306.4 | 312.0 | 2.2 | 26.3 | 1.7 | 95. |
| 6. 0 | 38.2 | 3051.2 | 700.0 | 3.6 | -12.3 | 298.5 | 4.8 | 4.2 | -2.4 | 306.4 | 312.0 | 2.1 | 30.2 | 2.0 | 98. |
| 7. 1 | 41.1 | 3344.8 | 675.0 | 0.7 | -12.0 | 312.5 | 5.9 | 4.4 | -4.0 | 306.4 | 312.2 | 2.3 | 37.9 | 2.2 | 102. |
| 8. 4 | 43.9 | 3616.3 | 650.0 | -2.3 | -12.2 | 321.5 | 7.0 | 4.3 | -5.5 | 306.4 | 313.3 | 2.3 | 46.4 | 2.7 | 108. |
| 9. 7 | 46.8 | 3956.5 | 625.0 | -4.6 | -15.1 | 332.2 | 8.5 | 3.9 | -7.5 | 307.2 | 313.3 | 1.9 | 43.3 | 3.2 | 115. |
| 11. 2 | 49.8 | 4276.2 | 600.0 | -7.5 | -18.3 | 335.9 | 9.7 | 4.0 | -8.9 | 307.4 | 312.9 | 1.5 | 41.6 | 3.8 | 123. |
| 12. 7 | 52.8 | 4808.3 | 575.0 | -9.7 | -19.9 | 341.1 | 8.8 | 2.9 | -8.3 | 308.6 | 312.9 | 1.4 | 43.1 | 4.6 | 129. |
| 13. 7 | 55.8 | 5299.9 | 550.0 | -12.6* | -23.9 | 348.5 | 8.3 | 2.2 | -8.0 | 308.9 | 312.3 | 99.9 | 99.9 | 5.5 | 136. |
| 14. 8 | 58.9 | 5884.5 | 525.0 | -16.2 | -27.0 | 359.8 | 7.8 | 1.8 | -7.6 | 308.6 | 311.0 | 0.6 | 51.1 | 5.5 | 138. |
| 16. 0 | 62.0 | 6437.8 | 500.0 | -19.9 | -34.0 | 368.6 | 7.7 | 2.7 | -7.2 | 308.6 | 311.0 | 0.4 | 48.4 | 6.4 | 140. |
| 17. 2 | 65.3 | 6842.8 | 475.0 | -23.0 | -42.0 | 374.4 | 9.3 | 4.0 | -8.4 | 310.3 | 313.4 | 0.2 | 33.7 | 7.1 | 141. |
| 18. 6 | 68.6 | 7147.0 | 450.0 | -26.2 | -44.8 | 381.1 | 9.8 | 2.5 | -9.5 | 312.8 | 313.4 | 0.2 | 20.8 | 8.1 | 141. |
| 20. 4 | 72.0 | 7488.3 | 425.0 | -28.3 | -46.4 | 385.1 | 9.8 | 2.5 | -9.5 | 312.8 | 313.4 | 0.2 | 18.5 | 8.1 | 143. |
| 22. 1 | 75.4 | 7880.9 | 400.0 | -31.4 | -48.4 | 389.0 | 9.8 | 1.5 | -7.6 | 314.2 | 314.7 | 0.1 | 21.0 | 9.0 | 146. |
| 24. 0 | 79.0 | 8212.2 | 375.0 | -34.5 | -50.0 | 355.4 | 9.8 | 0.8 | -9.6 | 316.3 | 316.6 | 0.1 | 18.9 | 9.8 | 148. |
| 25. 8 | 82.7 | 8515.9 | 350.0 | -37.9 | -53.7 | 2.6 | 11.7 | -0.5 | -11.7 | 318.3 | 316.6 | 0.1 | 18.9 | 10.8 | 151. |
| 27. 5 | 86.5 | 8715.9 | 325.0 | -43.3 | -59.9 | 4.1 | 11.4 | -0.8 | -11.3 | 317.0 | 316.6 | 99.9 | 99.9 | 11.8 | 155. |
| 29. 5 | 90.5 | 9249.3 | 300.0 | -47.6 | -66.9 | 353.6 | 12.5 | 1.4 | -12.4 | 318.3 | 316.6 | 99.9 | 99.9 | 13.1 | 157. |
| 31. 6 | 94.7 | 9818.7 | 275.0 | -51.8 | -74.9 | 343.7 | 14.6 | 4.1 | -14.0 | 320.2 | 316.6 | 99.9 | 99.9 | 14.7 | 158. |
| 34. 0 | 99.2 | 10430.4 | 250.0 | -55.8 | -82.9 | 337.9 | 15.9 | 6.0 | -14.7 | 322.2 | 316.6 | 99.9 | 99.9 | 16.9 | 158. |
| 36. 7 | 103.8 | 11098.3 | 225.0 | -59.2 | -89.9 | 326.4 | 14.7 | 8.2 | -12.3 | 327.8 | 316.6 | 99.9 | 99.9 | 18.9 | 158. |
| 38. 7 | 108.8 | 11829.6 | 200.0 | -61.4 | -99.9 | 311.4 | 14.5 | 10.9 | -9.6 | 335.6 | 316.6 | 99.9 | 99.9 | 21.0 | 158. |
| 41. 5 | 114.4 | 12671.6 | 175.0 | -63.5 | -99.9 | 291.1 | 13.9 | 12.9 | -5.0 | 361.5 | 316.6 | 99.9 | 99.9 | 23.0 | 153. |
| 44. 6 | 120.2 | 13656.0 | 150.0 | -56.1 | -99.9 | 278.6 | 12.5 | 12.4 | -1.9 | 373.5 | 316.6 | 99.9 | 99.9 | 24.7 | 149. |
| 49. 0 | 127.0 | 14823.2 | 125.0 | -54.0 | -99.9 | 271.0 | 10.5 | 10.5 | -0.2 | 397.2 | 316.6 | 99.9 | 99.9 | 26.9 | 143. |
| 53. 9 | 134.7 | 16241.0 | 100.0 | -57.1 | -99.9 | 265.6 | 12.0 | 12.0 | 0.9 | 417.4 | 316.6 | 99.9 | 99.9 | 28.4 | 138. |
| 60. 1 | 143.3 | 18044.0 | 75.0 | -59.7 | -99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 447.8 | 316.6 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 50.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 399.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 399.9 | 99.9 | 99.9 | 99.9 | 99.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 476
GRAND JUNCTION, COLORADO

25 APRIL 1982
505 GMT

153 9 0

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 22.8 | 1472.0 | 847.8 | 12.8 | -0.4 | 120.0 | 4.1 | -3.6 | 2.0 | 299.8 | 312.1 | 4.4 | 40.0 | 0.0 | 0 |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999 |
| 99.9 | 99.9 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999 |
| 99.9 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999 |
| 99.9 | 99.9 | 99.9 | 900.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999 |
| 99.9 | 99.9 | 99.9 | 875.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999 |
| 99.9 | 99.9 | 99.9 | 850.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999 |
| 0.7 | 25.1 | 1701.1 | 825.0 | 12.6 | -5.0 | 160.2 | 6.3 | -2.1 | 5.9 | 301.9 | 311.1 | 3.2 | 28.9 | 0.3 | 318 |
| 1.6 | 27.9 | 1959.9 | 800.0 | 13.6 | -6.9 | 190.2 | 4.1 | 0.7 | 4.0 | 305.7 | 314.1 | 2.8 | 23.3 | 0.5 | 347 |
| 2.6 | 30.7 | 2226.0 | 775.0 | 11.0 | -8.0 | 239.2 | 3.4 | 2.9 | 1.7 | 305.7 | 313.7 | 2.6 | 25.5 | 0.6 | 347 |
| 3.6 | 33.4 | 2498.1 | 750.0 | 8.5 | -8.8 | 282.3 | 5.2 | 5.1 | 0.7 | 305.8 | 313.6 | 2.6 | 28.3 | 0.7 | 347 |
| 4.3 | 36.2 | 2776.8 | 725.0 | 5.7 | -9.5 | 277.2 | 5.2 | 5.1 | -0.6 | 305.8 | 313.4 | 2.6 | 32.4 | 0.8 | 347 |
| 5.1 | 39.1 | 3062.5 | 700.0 | 3.0 | -9.4 | 303.6 | 7.1 | 5.9 | -4.0 | 305.8 | 313.7 | 2.5 | 39.5 | 0.8 | 46 |
| 6.1 | 42.0 | 3356.0 | 675.0 | 0.9 | -10.6 | 314.1 | 8.0 | 6.2 | -5.6 | 306.7 | 314.3 | 2.4 | 41.9 | 1.0 | 75 |
| 7.1 | 44.9 | 3658.1 | 650.0 | -1.7 | -11.5 | 301.2 | 7.3 | 5.8 | -3.8 | 307.1 | 314.4 | 2.4 | 47.0 | 1.3 | 92 |
| 8.2 | 47.9 | 3968.6 | 625.0 | -4.8 | -13.3 | 291.3 | 5.8 | 4.6 | -2.1 | 307.0 | 313.6 | 2.1 | 50.9 | 1.7 | 97 |
| 9.2 | 50.8 | 4288.3 | 600.0 | -7.6 | -14.1 | 291.4 | 4.9 | 2.7 | -1.8 | 307.3 | 313.8 | 2.1 | 59.4 | 2.0 | 99 |
| 10.4 | 53.9 | 4617.6 | 575.0 | -11.0 | -14.6 | 310.3 | 3.4 | 1.5 | -2.3 | 307.1 | 313.5 | 2.0 | 74.6 | 2.3 | 101 |
| 11.6 | 57.0 | 4957.4 | 550.0 | -13.6 | -15.8 | 332.2 | 3.4 | 0.6 | -3.0 | 308.0 | 314.2 | 1.7 | 83.0 | 2.5 | 105 |
| 12.9 | 60.1 | 5309.0 | 525.0 | -17.0 | -16.6 | 358.7 | 4.0 | 0.1 | -3.6 | 308.0 | 313.1 | 1.7 | 87.5 | 2.7 | 110 |
| 14.3 | 63.4 | 5673.0 | 500.0 | -20.5 | -25.1 | 358.7 | 6.2 | 0.1 | -4.5 | 308.1 | 311.3 | 1.0 | 88.2 | 2.9 | 115 |
| 15.7 | 66.6 | 6051.7 | 475.0 | -22.1 | -32.3 | 9.3 | 9.2 | -1.0 | -6.1 | 310.6 | 312.4 | 0.5 | 89.0 | 3.0 | 123 |
| 17.2 | 70.0 | 6447.3 | 450.0 | -25.0 | -34.2 | 353.7 | 11.3 | 2.1 | -9.2 | 311.9 | 313.8 | 0.3 | 91.7 | 3.4 | 129 |
| 18.5 | 73.4 | 6860.2 | 425.0 | -28.3 | -38.2 | 349.2 | 11.0 | 2.4 | -11.1 | 312.7 | 313.8 | 0.3 | 94.1 | 4.1 | 139 |
| 19.9 | 77.0 | 7291.6 | 400.0 | -32.1 | -41.5 | 347.2 | 11.0 | 2.3 | -10.7 | 313.3 | 314.1 | 0.2 | 96.0 | 5.0 | 145 |
| 21.6 | 80.7 | 7744.2 | 375.0 | -35.4 | -44.5 | 348.0 | 12.7 | 4.1 | -10.7 | 314.8 | 315.4 | 0.2 | 98.0 | 6.0 | 149 |
| 23.5 | 84.5 | 8221.1 | 350.0 | -38.8 | -44.5 | 341.0 | 12.9 | 5.3 | -12.0 | 315.4 | 315.4 | 99.9 | 99.9 | 7.3 | 153 |
| 25.2 | 88.3 | 8724.8 | 325.0 | -43.4 | -49.9 | 335.5 | 13.4 | 5.4 | -11.7 | 315.9 | 315.9 | 99.9 | 99.9 | 8.7 | 153 |
| 27.3 | 92.5 | 9258.9 | 300.0 | -47.1 | -59.9 | 336.5 | 13.4 | 5.4 | -12.3 | 315.9 | 315.9 | 99.9 | 99.9 | 10.2 | 153 |
| 29.3 | 96.7 | 9828.7 | 275.0 | -52.1 | -69.9 | 336.1 | 13.7 | 6.6 | -12.3 | 315.9 | 315.9 | 99.9 | 99.9 | 11.9 | 154 |
| 32.0 | 101.2 | 10439.9 | 250.0 | -56.4 | -79.9 | 331.2 | 13.7 | 8.8 | -12.1 | 322.2 | 315.9 | 99.9 | 99.9 | 14.1 | 154 |
| 34.6 | 105.8 | 11104.6 | 225.0 | -60.7 | -89.9 | 313.8 | 12.1 | 8.1 | -8.4 | 328.8 | 315.9 | 99.9 | 99.9 | 16.1 | 153 |
| 37.1 | 111.0 | 11840.9 | 200.0 | -64.7 | -99.9 | 288.6 | 8.5 | 11.6 | -2.7 | 336.7 | 315.9 | 99.9 | 99.9 | 17.3 | 150 |
| 40.2 | 116.5 | 12679.3 | 175.0 | -68.7 | -99.9 | 283.5 | 12.2 | 14.8 | -3.7 | 356.3 | 315.9 | 99.9 | 99.9 | 18.6 | 146 |
| 43.8 | 122.5 | 13659.8 | 150.0 | -72.2 | -99.9 | 283.5 | 10.6 | 10.5 | -3.6 | 375.1 | 315.9 | 99.9 | 99.9 | 20.9 | 141 |
| 48.0 | 129.2 | 14831.9 | 125.0 | -76.0 | -99.9 | 262.2 | 10.6 | 10.5 | 1.4 | 397.2 | 315.9 | 99.9 | 99.9 | 23.9 | 135 |
| 52.7 | 136.7 | 16245.5 | 100.0 | -79.9 | -99.9 | 261.8 | 11.9 | 11.8 | 1.7 | 413.8 | 315.9 | 99.9 | 99.9 | 25.4 | 130 |
| 58.8 | 146.0 | 18054.7 | 75.0 | -83.9 | -99.9 | 268.8 | 12.5 | 12.5 | 0.3 | 449.5 | 315.9 | 99.9 | 99.9 | 28.7 | 124 |
| 66.5 | 156.0 | 20607.5 | 50.0 | -87.9 | -99.9 | 210.1 | 4.4 | 2.2 | 3.8 | 506.0 | 315.9 | 99.9 | 99.9 | 32.7 | 121 |
| 79.5 | 167.5 | 25010.8 | 25.0 | -93.7 | -99.9 | 66.8 | 2.4 | -2.2 | -0.9 | 630.5 | 315.9 | 99.9 | 99.9 | 32.2 | 121 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

** BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

*** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

**** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 532
PEORIA, ILLINOIS

24 APRIL 1982
1415 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 7.1 | 200.0 | 998.1 | 14.4 | 3.8 | 200.0 | 4.1 | 1.4 | 3.9 | 287.7 | 301.1 | 5.1 | 49.0 | 0.0 | 0.0 |
| 99.9 | 99.9 | 396.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.2 | 9.4 | 396.9 | 975.0 | 12.5 | 0.4 | 236.4 | 12.3 | 10.2 | 6.8 | 287.7 | 298.6 | 4.1 | 43.7 | 0.4 | 47.0 |
| 1.4 | 11.9 | 614.8 | 950.0 | 13.6 | -2.3 | 237.5 | 10.7 | 10.2 | 6.8 | 291.0 | 300.3 | 3.4 | 33.1 | 0.9 | 53.0 |
| 2.1 | 14.5 | 838.5 | 925.0 | 11.6 | -2.9 | 238.9 | 11.0 | 9.4 | 5.7 | 291.2 | 300.4 | 3.3 | 36.2 | 1.4 | 54.0 |
| 2.9 | 17.1 | 1066.7 | 900.0 | 9.8 | -2.8 | 246.1 | 9.0 | 8.2 | 3.9 | 291.7 | 301.2 | 3.5 | 40.8 | 1.9 | 56.0 |
| 3.8 | 19.7 | 1299.8 | 875.0 | 7.5 | -3.3 | 244.7 | 9.1 | 8.2 | 3.9 | 291.6 | 301.1 | 3.4 | 46.1 | 2.3 | 58.0 |
| 4.6 | 22.3 | 1537.8 | 850.0 | 5.3 | -4.1 | 239.8 | 7.6 | 6.6 | 3.8 | 291.7 | 300.9 | 3.3 | 50.8 | 2.8 | 59.0 |
| 5.5 | 25.0 | 1780.7 | 825.0 | 3.5 | -4.4 | 238.7 | 6.0 | 5.0 | 3.7 | 292.3 | 301.6 | 3.2 | 55.1 | 3.1 | 59.0 |
| 6.4 | 27.7 | 2029.4 | 800.0 | 1.7 | -7.2 | 219.8 | 4.9 | 3.1 | 3.7 | 292.2 | 300.0 | 3.2 | 54.5 | 3.4 | 59.0 |
| 7.3 | 30.3 | 2284.5 | 775.0 | 0.9 | -17.0 | 209.0 | 4.9 | 3.4 | 3.7 | 292.2 | 299.6 | 3.2 | 54.5 | 3.4 | 59.0 |
| 8.3 | 33.0 | 2549.6 | 750.0 | 2.8 | -18.4 | 211.1 | 6.9 | 3.6 | 8.1 | 295.7 | 299.6 | 1.3 | 23.5 | 3.7 | 58.0 |
| 9.2 | 35.8 | 2823.3 | 725.0 | 1.5 | -18.5 | 217.1 | 6.4 | 3.9 | 5.9 | 299.7 | 304.9 | 1.2 | 19.1 | 4.0 | 53.0 |
| 10.2 | 38.6 | 3104.9 | 700.0 | -0.3 | -19.1 | 224.1 | 5.8 | 4.1 | 5.1 | 302.1 | 305.8 | 1.2 | 20.8 | 4.4 | 52.0 |
| 11.2 | 41.3 | 3394.8 | 675.0 | -2.0 | -21.4 | 229.5 | 6.2 | 4.7 | 4.2 | 303.4 | 308.6 | 1.0 | 20.9 | 5.1 | 51.0 |
| 12.4 | 44.2 | 3693.8 | 650.0 | -3.9 | -22.9 | 233.8 | 6.1 | 4.2 | 4.4 | 304.6 | 307.5 | 0.9 | 21.0 | 5.5 | 51.0 |
| 13.5 | 47.1 | 4002.4 | 625.0 | -5.7 | -24.9 | 218.2 | 6.0 | 3.7 | 4.7 | 305.9 | 308.5 | 0.8 | 20.2 | 5.9 | 50.0 |
| 14.7 | 50.0 | 4321.0 | 600.0 | -7.4 | -26.3 | 220.7 | 7.5 | 4.9 | 5.7 | 307.5 | 309.9 | 0.7 | 20.3 | 6.4 | 49.0 |
| 15.9 | 53.0 | 4650.9 | 575.0 | -9.7 | -28.6 | 227.0 | 7.8 | 5.7 | 5.3 | 308.6 | 310.6 | 0.6 | 19.6 | 7.0 | 49.0 |
| 17.1 | 56.0 | 4982.9 | 550.0 | -11.8 | -31.1 | 227.0 | 7.8 | 5.7 | 5.3 | 310.2 | 311.9 | 0.5 | 18.2 | 7.5 | 49.0 |
| 18.4 | 59.0 | 5347.4 | 525.0 | -14.3 | -32.9 | 234.6 | 7.8 | 8.2 | 5.3 | 311.3 | 312.8 | 0.4 | 18.7 | 8.1 | 48.0 |
| 19.8 | 62.1 | 5715.6 | 500.0 | -16.7 | -34.8 | 247.9 | 8.4 | 7.8 | 4.4 | 312.7 | 314.0 | 0.4 | 19.0 | 8.8 | 50.0 |
| 21.3 | 65.3 | 6098.9 | 475.0 | -19.7 | -37.7 | 257.6 | 7.8 | 7.5 | 1.6 | 313.6 | 315.1 | 0.5 | 27.4 | 9.5 | 51.0 |
| 22.8 | 68.6 | 6497.7 | 450.0 | -23.1 | -37.1 | 260.6 | 7.8 | 7.7 | 1.3 | 314.3 | 317.3 | 0.9 | 69.4 | 10.0 | 53.0 |
| 24.3 | 71.9 | 6914.1 | 425.0 | -25.8 | -37.0 | 244.8 | 8.1 | 7.3 | 3.5 | 318.0 | 318.4 | 0.4 | 33.5 | 10.7 | 55.0 |
| 26.0 | 75.1 | 7350.5 | 400.0 | -29.2 | -40.2 | 239.3 | 9.5 | 8.1 | 4.8 | 317.0 | 318.4 | 0.4 | 46.9 | 11.6 | 55.0 |
| 27.5 | 78.7 | 7808.0 | 375.0 | -37.1 | -43.9 | 244.1 | 10.4 | 9.4 | 4.6 | 317.0 | 318.4 | 0.3 | 48.5 | 12.5 | 55.0 |
| 29.3 | 82.4 | 8288.8 | 350.0 | -37.7 | -43.9 | 241.9 | 9.9 | 8.7 | 4.7 | 317.9 | 318.7 | 0.2 | 52.0 | 13.6 | 56.0 |
| 31.3 | 86.2 | 8795.3 | 325.0 | -41.9 | -43.9 | 247.7 | 10.5 | 9.7 | 4.0 | 318.9 | 319.9 | 0.2 | 99.9 | 14.8 | 57.0 |
| 33.4 | 90.1 | 9331.7 | 300.0 | -46.7 | -43.9 | 250.0 | 10.2 | 9.5 | 3.5 | 319.6 | 319.9 | 0.2 | 99.9 | 16.0 | 58.0 |
| 35.5 | 94.2 | 9904.7 | 275.0 | -50.2 | -46.7 | 252.1 | 10.3 | 9.8 | 3.2 | 322.6 | 322.6 | 0.2 | 99.9 | 17.3 | 59.0 |
| 37.8 | 98.5 | 10521.7 | 250.0 | -54.3 | -46.7 | 263.4 | 13.4 | 10.3 | 1.2 | 325.3 | 325.3 | 0.2 | 99.9 | 18.6 | 60.0 |
| 40.3 | 103.0 | 11191.0 | 225.0 | -57.3 | -46.7 | 259.9 | 13.1 | 13.1 | 2.3 | 330.8 | 330.8 | 0.2 | 99.9 | 20.3 | 62.0 |
| 42.9 | 107.8 | 11932.9 | 200.0 | -59.9 | -46.7 | 269.4 | 14.9 | 14.9 | 0.8 | 338.0 | 338.0 | 0.2 | 99.9 | 22.3 | 64.0 |
| 45.8 | 113.0 | 12783.0 | 175.0 | -59.6 | -46.7 | 269.4 | 18.7 | 18.7 | 0.8 | 351.7 | 351.7 | 0.2 | 99.9 | 24.9 | 67.0 |
| 49.2 | 118.8 | 13734.4 | 150.0 | -57.5 | -46.7 | 276.3 | 18.4 | 18.2 | -2.0 | 371.1 | 371.1 | 0.2 | 99.9 | 28.5 | 70.0 |
| 53.1 | 124.7 | 14884.3 | 125.0 | -58.0 | -46.7 | 272.7 | 18.6 | 18.6 | -0.9 | 390.0 | 390.0 | 0.2 | 99.9 | 32.5 | 73.0 |
| 57.9 | 131.7 | 16293.7 | 100.0 | -58.7 | -46.7 | 271.3 | 16.8 | 16.8 | -0.4 | 414.3 | 414.3 | 0.2 | 99.9 | 37.4 | 76.0 |
| 63.6 | 139.7 | 18107.9 | 75.0 | -58.5 | -46.7 | 298.7 | 10.7 | 9.6 | -4.8 | 454.4 | 454.4 | 0.2 | 99.9 | 42.2 | 78.0 |
| 71.6 | 149.0 | 20671.3 | 50.0 | -56.6 | -46.7 | 307.7 | 3.0 | 2.4 | -1.9 | 510.2 | 510.2 | 0.2 | 99.9 | 43.7 | 80.0 |
| 83.1 | 159.0 | 25121.4 | 25.0 | -52.0 | -46.7 | 50.8 | 3.4 | -2.6 | -2.1 | 635.1 | 635.1 | 0.2 | 99.9 | 43.6 | 82.0 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

** BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

*** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

**** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 532
PEORIA, ILLINOIS

24 APRIL 1962
1715 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 7.0 | 200.0 | 986.7 | 20.6 | 3.3 | 200.0 | 6.2 | 2.1 | 5.8 | 294.0 | 367.4 | 4.9 | 32.0 | 0.0 | 0 |
| 99.9 | 99.9 | 99.9 | 1000.0 | 20.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999 |
| 0.6 | 9.1 | 388.4 | 975.0 | 16.7 | -0.9 | 230.0 | 4.4 | 3.4 | 2.8 | 292.0 | 301.2 | 3.7 | 30.0 | 0.4 | 40 |
| 1.7 | 11.5 | 608.5 | 950.0 | 14.3 | -2.2 | 229.6 | 7.0 | 5.3 | 4.5 | 291.7 | 301.2 | 3.4 | 32.0 | 0.8 | 44 |
| 2.4 | 14.0 | 832.5 | 925.0 | 11.9 | -2.6 | 220.3 | 6.9 | 4.4 | 5.2 | 291.5 | 300.8 | 3.4 | 36.1 | 1.1 | 45 |
| 3.2 | 16.5 | 1060.9 | 900.0 | 9.7 | -3.2 | 212.4 | 5.8 | 3.1 | 4.9 | 291.5 | 300.8 | 3.4 | 40.2 | 1.4 | 43 |
| 3.8 | 19.0 | 1293.7 | 875.0 | 7.4 | -3.7 | 205.3 | 6.7 | 2.9 | 6.1 | 291.5 | 300.6 | 3.3 | 45.1 | 1.9 | 41 |
| 4.6 | 21.5 | 1531.6 | 850.0 | 5.2 | -3.8 | 201.2 | 8.8 | 3.2 | 8.2 | 291.6 | 301.5 | 3.4 | 52.3 | 1.6 | 38 |
| 5.4 | 23.9 | 1774.5 | 825.0 | 3.2 | -4.0 | 197.0 | 9.0 | 2.6 | 8.6 | 292.0 | 301.5 | 3.5 | 59.2 | 2.4 | 35 |
| 6.3 | 26.5 | 2023.1 | 800.0 | 1.0 | -7.6 | 192.2 | 8.4 | 1.8 | 9.2 | 292.2 | 299.9 | 2.8 | 53.5 | 2.8 | 31 |
| 7.3 | 29.1 | 2279.8 | 775.0 | 5.0 | -17.9 | 198.7 | 10.0 | 2.9 | 9.6 | 299.2 | 302.8 | 1.3 | 17.1 | 3.4 | 28 |
| 8.4 | 31.6 | 2547.1 | 750.0 | 4.5 | -17.7 | 205.5 | 9.7 | 4.1 | 8.7 | 301.7 | 305.3 | 1.2 | 19.6 | 4.3 | 27 |
| 9.4 | 34.2 | 2821.9 | 725.0 | 2.6 | -18.3 | 208.2 | 7.4 | 3.5 | 8.6 | 302.3 | 306.1 | 1.2 | 20.7 | 4.6 | 27 |
| 10.5 | 36.8 | 3104.4 | 700.0 | 0.3 | -19.6 | 219.8 | 6.9 | 4.4 | 5.3 | 303.7 | 306.9 | 1.0 | 21.2 | 5.1 | 27 |
| 11.7 | 39.6 | 3394.9 | 675.0 | -1.8 | -21.1 | 225.0 | 7.3 | 5.2 | 5.2 | 305.1 | 308.1 | 0.9 | 20.3 | 5.6 | 29 |
| 12.7 | 42.3 | 3684.0 | 650.0 | -3.4 | -22.9 | 237.7 | 7.3 | 5.4 | 4.9 | 305.7 | 309.3 | 0.8 | 19.4 | 6.1 | 30 |
| 13.9 | 44.9 | 4032.1 | 625.0 | -5.1 | -24.8 | 250.0 | 8.9 | 6.8 | 5.7 | 307.3 | 309.6 | 0.7 | 19.6 | 7.1 | 31 |
| 15.2 | 47.8 | 4322.2 | 600.0 | -7.6 | -26.8 | 230.0 | 8.5 | 8.1 | 4.9 | 307.3 | 310.4 | 0.6 | 19.6 | 7.7 | 33 |
| 16.4 | 50.6 | 4652.0 | 575.0 | -9.9 | -28.8 | 238.8 | 8.3 | 6.9 | 4.5 | 310.1 | 311.8 | 0.5 | 18.8 | 8.3 | 36 |
| 17.6 | 53.4 | 4993.6 | 550.0 | -11.6 | -30.8 | 258.8 | 8.3 | 6.9 | 4.5 | 310.1 | 311.8 | 0.5 | 18.8 | 8.3 | 36 |
| 18.3 | 56.4 | 5348.9 | 525.0 | -13.6 | -26.7 | 225.2 | 8.0 | 5.5 | 4.5 | 312.2 | 314.7 | 0.8 | 31.9 | 8.9 | 37 |
| 20.3 | 59.4 | 5717.4 | 500.0 | -17.1 | -27.7 | 223.2 | 7.8 | 5.7 | 5.9 | 312.6 | 315.3 | 0.8 | 39.0 | 9.4 | 37 |
| 21.6 | 62.5 | 6099.7 | 475.0 | -20.5 | -27.8 | 221.2 | 9.0 | 7.8 | 5.3 | 314.3 | 317.6 | 1.0 | 53.6 | 10.7 | 39 |
| 23.1 | 65.7 | 6498.0 | 450.0 | -23.1 | -32.4 | 248.0 | 9.7 | 8.4 | 3.6 | 315.9 | 317.7 | 0.6 | 45.0 | 11.6 | 41 |
| 24.7 | 69.0 | 6914.4 | 425.0 | -25.9 | -37.8 | 246.9 | 9.1 | 8.4 | 3.2 | 316.5 | 317.7 | 0.4 | 31.7 | 12.4 | 43 |
| 26.3 | 72.3 | 7350.3 | 400.0 | -23.7 | -44.5 | 239.2 | 10.2 | 8.8 | 5.2 | 317.3 | 318.0 | 0.2 | 36.0 | 13.3 | 45 |
| 28.0 | 75.7 | 7807.2 | 375.0 | -33.5 | -47.4 | 235.8 | 10.8 | 8.9 | 6.0 | 317.5 | 318.0 | 0.1 | 36.0 | 14.3 | 45 |
| 29.6 | 79.3 | 8287.1 | 350.0 | -38.0 | -47.4 | 235.8 | 10.8 | 8.9 | 3.4 | 319.4 | 318.0 | 99.9 | 99.9 | 15.4 | 46 |
| 31.5 | 83.0 | 8793.7 | 325.0 | -41.5 | 99.9 | 254.3 | 12.5 | 12.1 | 2.7 | 320.7 | 318.0 | 99.9 | 99.9 | 15.4 | 46 |
| 33.4 | 86.8 | 9331.6 | 300.0 | -45.9 | 99.9 | 258.8 | 14.0 | 13.7 | 0.8 | 320.7 | 318.0 | 99.9 | 99.9 | 18.4 | 52 |
| 35.5 | 90.8 | 9905.0 | 275.0 | -50.4 | 99.9 | 265.8 | 14.7 | 14.7 | 1.0 | 322.3 | 318.0 | 99.9 | 99.9 | 18.4 | 52 |
| 37.7 | 95.0 | 10521.2 | 250.0 | -54.4 | 99.9 | 265.8 | 14.1 | 14.1 | 1.6 | 325.2 | 318.0 | 99.9 | 99.9 | 19.3 | 58 |
| 39.9 | 99.5 | 11191.7 | 225.0 | -57.5 | 99.9 | 264.4 | 16.3 | 16.5 | -0.3 | 330.4 | 318.0 | 99.9 | 99.9 | 21.7 | 58 |
| 42.5 | 104.2 | 11930.3 | 200.0 | -61.3 | 99.9 | 271.0 | 18.4 | 18.3 | -0.3 | 335.7 | 318.0 | 99.9 | 99.9 | 24.1 | 61 |
| 45.2 | 109.2 | 12760.7 | 175.0 | -60.2 | 99.9 | 265.6 | 17.7 | 17.7 | -0.1 | 350.6 | 318.0 | 99.9 | 99.9 | 26.6 | 67 |
| 48.4 | 114.7 | 13730.6 | 150.0 | -57.7 | 99.9 | 270.3 | 19.9 | 19.9 | 1.1 | 370.7 | 318.0 | 99.9 | 99.9 | 29.6 | 67 |
| 52.2 | 120.7 | 14884.8 | 125.0 | -57.2 | 99.9 | 266.7 | 19.9 | 19.9 | 0.4 | 391.4 | 318.0 | 99.9 | 99.9 | 33.6 | 67 |
| 56.9 | 127.7 | 16296.3 | 100.0 | -58.6 | 99.9 | 268.8 | 18.7 | 18.7 | -1.0 | 414.5 | 318.0 | 99.9 | 99.9 | 39.1 | 72 |
| 62.6 | 135.5 | 18107.0 | 75.0 | -58.6 | 99.9 | 275.7 | 10.2 | 10.2 | -1.7 | 450.0 | 318.0 | 99.9 | 99.9 | 44.1 | 74 |
| 70.3 | 144.5 | 20669.8 | 50.0 | -55.3 | 99.9 | 291.4 | 4.6 | 4.3 | -1.7 | 637.2 | 318.0 | 99.9 | 99.9 | 46.6 | 75 |
| 82.2 | 154.7 | 25144.6 | 25.0 | -51.4 | 99.9 | 231.8 | 3.2 | 2.5 | 2.0 | 637.2 | 318.0 | 99.9 | 99.9 | 46.2 | 76 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

** BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

*** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

**** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE 19
OF POOR QUALITY

STATION NO. 532
PEORIA, ILLINOIS
24 APRIL 1982
2015 GMT

| TIME MIN. | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|--------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 7.5 | 200.0 | 994.2 | 22.2 | 3.3 | 190.0 | 7.7 | 1.3 | 7.6 | 295.9 | 309.3 | 4.9 | 28.9 | 0.0 | 0. |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.5 | 9.4 | 367.3 | 975.0 | 17.9 | -4.6 | 999.9 | 99.9 | 99.9 | 99.9 | 293.2 | 301.0 | 2.8 | 21.2 | 999.9 | 999.9 |
| 1.2 | 11.8 | 588.1 | 950.0 | 15.4 | -3.8 | 999.9 | 99.9 | 99.9 | 99.9 | 292.9 | 301.3 | 3.0 | 26.3 | 999.9 | 999.9 |
| 2.2 | 14.3 | 813.0 | 925.0 | 13.2 | -3.5 | 193.7 | 9.2 | 2.2 | 9.0 | 292.9 | 301.8 | 3.2 | 31.0 | 1.2 | 17. |
| 3.0 | 16.8 | 1042.4 | 900.0 | 11.1 | -4.4 | 200.2 | 8.4 | 2.9 | 7.8 | 292.9 | 301.5 | 3.1 | 33.4 | 1.6 | 17. |
| 3.8 | 19.3 | 1278.5 | 875.0 | 9.2 | -4.0 | 198.0 | 8.0 | 2.5 | 7.5 | 293.3 | 302.4 | 3.3 | 39.2 | 2.0 | 18. |
| 4.7 | 21.9 | 1515.5 | 850.0 | 6.6 | -4.8 | 191.0 | 7.6 | 1.5 | 7.5 | 293.1 | 301.9 | 3.2 | 43.8 | 2.4 | 17. |
| 5.7 | 24.4 | 1759.7 | 825.0 | 4.4 | -5.2 | 196.2 | 6.4 | 1.8 | 6.1 | 293.2 | 302.1 | 3.2 | 49.9 | 2.8 | 16. |
| 6.7 | 27.1 | 2009.2 | 800.0 | 2.1 | -7.0 | 199.7 | 6.2 | 2.8 | 7.8 | 293.4 | 301.3 | 3.2 | 50.9 | 3.3 | 17. |
| 7.7 | 29.7 | 2268.4 | 775.0 | 5.2 | -19.2 | 205.6 | 11.0 | 4.7 | 9.9 | 299.4 | 302.7 | 3.2 | 50.9 | 3.3 | 17. |
| 8.7 | 32.3 | 2533.8 | 750.0 | 4.5 | -19.6 | 208.7 | 11.3 | 5.4 | 10.0 | 301.5 | 304.8 | 1.1 | 14.9 | 3.8 | 18. |
| 9.7 | 35.0 | 2808.8 | 725.0 | 3.0 | -20.5 | 213.6 | 7.2 | 5.1 | 10.0 | 302.7 | 305.9 | 1.0 | 15.3 | 4.5 | 19. |
| 10.8 | 37.8 | 3091.7 | 700.0 | 0.8 | -22.3 | 218.5 | 9.0 | 5.6 | 7.0 | 303.4 | 306.3 | 0.9 | 15.8 | 5.1 | 21. |
| 11.9 | 40.6 | 3392.7 | 675.0 | -1.1 | -23.8 | 222.7 | 8.4 | 5.7 | 6.1 | 304.4 | 307.0 | 0.8 | 15.8 | 5.7 | 22. |
| 13.0 | 43.3 | 3682.2 | 650.0 | -3.4 | -25.3 | 224.4 | 7.8 | 5.5 | 5.8 | 305.1 | 307.5 | 0.7 | 16.4 | 6.3 | 24. |
| 14.1 | 46.1 | 3981.2 | 625.0 | -5.1 | -26.9 | 231.3 | 7.6 | 5.9 | 5.6 | 306.7 | 308.8 | 0.7 | 16.4 | 6.8 | 25. |
| 15.4 | 49.0 | 4370.4 | 600.0 | -7.2 | -28.4 | 235.5 | 9.0 | 7.5 | 5.1 | 307.8 | 309.8 | 0.6 | 16.4 | 7.2 | 27. |
| 16.8 | 52.0 | 4640.5 | 575.0 | -9.5 | -28.0 | 239.5 | 8.2 | 7.1 | 4.2 | 308.8 | 311.0 | 0.7 | 20.4 | 7.8 | 29. |
| 18.3 | 55.0 | 4982.3 | 550.0 | -12.2 | -21.2 | 230.8 | 6.8 | 5.3 | 4.3 | 309.6 | 313.6 | 1.3 | 20.4 | 8.5 | 32. |
| 19.5 | 58.0 | 5336.8 | 525.0 | -14.6 | -23.2 | 219.2 | 7.4 | 4.7 | 5.7 | 310.8 | 314.4 | 1.1 | 47.8 | 9.1 | 33. |
| 20.9 | 61.1 | 5704.5 | 500.0 | -17.6 | -19.2 | 216.0 | 8.0 | 4.7 | 6.5 | 311.6 | 315.9 | 1.1 | 87.4 | 10.2 | 34. |
| 22.4 | 64.1 | 6087.3 | 475.0 | -19.8 | -24.1 | 222.4 | 7.4 | 5.0 | 5.4 | 313.8 | 317.4 | 1.1 | 87.4 | 10.9 | 34. |
| 24.3 | 67.4 | 6486.7 | 450.0 | -22.6 | -29.1 | 227.0 | 7.3 | 5.3 | 5.0 | 314.8 | 317.3 | 0.8 | 55.2 | 11.6 | 35. |
| 25.9 | 70.8 | 6933.2 | 425.0 | -26.2 | -37.8 | 238.9 | 10.2 | 8.7 | 5.3 | 315.4 | 318.6 | 0.3 | 22.3 | 12.5 | 36. |
| 27.6 | 74.3 | 7339.4 | 400.0 | -28.9 | -43.3 | 255.6 | 10.2 | 10.7 | 2.8 | 317.4 | 318.2 | 0.2 | 22.3 | 13.4 | 39. |
| 29.4 | 77.7 | 7799.0 | 375.0 | -32.1 | -48.4 | 260.7 | 11.7 | 11.6 | 2.8 | 319.1 | 319.6 | 0.2 | 22.4 | 14.3 | 42. |
| 31.2 | 81.4 | 8281.0 | 350.0 | -36.3 | -49.3 | 269.0 | 13.8 | 13.8 | 0.2 | 319.7 | 320.2 | 0.1 | 24.5 | 15.3 | 45. |
| 33.2 | 85.1 | 8790.4 | 325.0 | -40.5 | 99.9 | 271.1 | 15.2 | 15.2 | -0.3 | 320.9 | 999.9 | 99.9 | 999.9 | 16.6 | 49. |
| 35.4 | 89.2 | 9331.4 | 300.0 | -44.7 | 99.9 | 269.3 | 16.1 | 16.1 | 0.2 | 322.4 | 999.9 | 99.9 | 999.9 | 18.2 | 54. |
| 37.4 | 93.3 | 9907.4 | 275.0 | -49.5 | 99.9 | 259.4 | 21.6 | 21.3 | 4.0 | 323.5 | 999.9 | 99.9 | 999.9 | 20.1 | 57. |
| 39.0 | 97.7 | 10524.7 | 250.0 | -54.7 | 99.9 | 252.9 | 24.1 | 23.2 | 6.3 | 324.8 | 999.9 | 99.9 | 999.9 | 22.3 | 59. |
| 41.3 | 102.2 | 11190.0 | 225.0 | -59.6 | 99.9 | 253.3 | 19.3 | 18.5 | 5.5 | 327.0 | 999.9 | 99.9 | 999.9 | 25.2 | 61. |
| 43.8 | 107.2 | 11926.2 | 200.0 | -60.8 | 99.9 | 251.8 | 15.6 | 14.8 | 4.9 | 336.6 | 999.9 | 99.9 | 999.9 | 27.6 | 62. |
| 46.6 | 112.5 | 12757.3 | 175.0 | -60.0 | 99.9 | 257.3 | 18.3 | 17.8 | 4.0 | 350.9 | 999.9 | 99.9 | 999.9 | 30.5 | 63. |
| 49.8 | 118.2 | 13721.6 | 150.0 | -58.9 | 99.9 | 256.8 | 18.4 | 17.9 | 4.2 | 368.6 | 999.9 | 99.9 | 999.9 | 33.7 | 65. |
| 53.6 | 124.7 | 14871.3 | 125.0 | -58.5 | 99.9 | 253.7 | 20.1 | 19.9 | 2.2 | 389.1 | 999.9 | 99.9 | 999.9 | 37.0 | 66. |
| 58.1 | 132.0 | 16275.7 | 100.0 | -58.5 | 99.9 | 272.6 | 18.1 | 18.1 | -0.8 | 414.7 | 999.9 | 99.9 | 999.9 | 43.0 | 69. |
| 63.8 | 140.3 | 18087.2 | 75.0 | -58.5 | 99.9 | 289.3 | 11.0 | 11.0 | -1.9 | 508.4 | 999.9 | 99.9 | 999.9 | 47.4 | 71. |
| 71.5 | 150.0 | 20850.3 | 50.0 | -57.3 | 99.9 | 288.5 | 6.0 | 5.7 | -1.9 | 580.4 | 999.9 | 99.9 | 999.9 | 51.1 | 73. |
| 83.4 | 160.0 | 25093.7 | 25.0 | -49.1 | 99.9 | 290.6 | 3.0 | 2.8 | -1.1 | 643.5 | 999.9 | 99.9 | 999.9 | 50.7 | 74. |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 ** BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 *** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
 *** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 532
PEORIA, ILLINOIS
25 APRIL 1982
215 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 7.7 | 200.0 | 992.4 | 13.9 | 1.9 | 170.0 | 4.6 | -0.8 | 4.5 | 287.7 | 299.5 | 4.4 | 44 | 0 | 0 |
| 9.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.4 | 9.4 | 345.5 | 975.0 | 15.5 | -3.3 | 183.6 | 13.0 | 0.8 | 13.0 | 290.8 | 299.3 | 3.1 | 27 | 0 | 0 |
| 1.2 | 12.0 | 569.3 | 950.0 | 14.6 | -4.9 | 188.6 | 12.3 | 1.8 | 12.2 | 292.1 | 299.9 | 2.8 | 25 | 0 | 0 |
| 2.0 | 14.7 | 793.7 | 925.0 | 12.6 | -5.1 | 194.4 | 11.9 | 2.9 | 11.5 | 292.2 | 300.1 | 2.8 | 28 | 0 | 0 |
| 3.6 | 17.2 | 1022.7 | 900.0 | 10.7 | -4.9 | 200.4 | 11.0 | 3.8 | 10.3 | 292.5 | 300.7 | 2.9 | 32 | 0 | 0 |
| 4.3 | 19.9 | 1255.4 | 875.0 | 8.7 | -5.9 | 210.4 | 9.8 | 4.9 | 8.4 | 292.8 | 300.7 | 2.8 | 34 | 0 | 0 |
| 5.1 | 22.5 | 1495.2 | 850.0 | 6.5 | -7.1 | 216.9 | 10.3 | 6.2 | 8.2 | 293.0 | 300.5 | 2.6 | 37 | 0 | 0 |
| 5.9 | 25.2 | 1739.2 | 825.0 | 4.3 | -8.2 | 217.5 | 11.0 | 8.7 | 8.7 | 293.2 | 300.3 | 2.5 | 39 | 0 | 0 |
| 6.7 | 27.9 | 1989.1 | 800.0 | 4.1 | -19.3 | 212.4 | 11.1 | 6.0 | 8.4 | 295.5 | 308.6 | 1.0 | 15 | 2 | 2 |
| 7.6 | 30.6 | 2246.9 | 775.0 | 3.0 | -20.9 | 212.4 | 10.5 | 6.1 | 8.5 | 297.6 | 300.9 | 0.9 | 14 | 6 | 6 |
| 8.5 | 33.3 | 2512.6 | 750.0 | 3.5 | -21.4 | 204.2 | 9.7 | 4.0 | 8.9 | 299.8 | 302.7 | 0.9 | 14 | 6 | 6 |
| 9.4 | 36.0 | 2786.4 | 725.0 | 2.1 | -22.0 | 195.7 | 8.8 | 2.4 | 8.5 | 301.8 | 304.6 | 0.8 | 14 | 7 | 7 |
| 10.4 | 38.9 | 3069.0 | 700.0 | 0.6 | -23.2 | 200.2 | 9.3 | 2.2 | 8.8 | 303.2 | 305.8 | 0.8 | 15 | 1 | 1 |
| 11.4 | 41.8 | 3359.7 | 675.0 | -1.3 | -24.5 | 195.0 | 8.6 | 1.2 | 8.3 | 304.2 | 306.7 | 0.7 | 15 | 1 | 1 |
| 12.5 | 44.6 | 3659.5 | 650.0 | -3.1 | -25.9 | 187.1 | 9.5 | 1.4 | 9.4 | 305.5 | 307.8 | 0.7 | 15 | 1 | 1 |
| 13.5 | 47.5 | 3968.9 | 625.0 | -4.9 | -27.3 | 187.6 | 10.5 | 1.4 | 10.4 | 306.9 | 309.0 | 0.6 | 15 | 2 | 2 |
| 14.7 | 50.5 | 4288.8 | 600.0 | -6.8 | -28.1 | 190.8 | 10.0 | 1.9 | 9.8 | 308.3 | 313.0 | 1.5 | 15 | 2 | 2 |
| 15.8 | 53.5 | 4619.4 | 575.0 | -8.8 | -18.1 | 190.3 | 9.4 | 1.7 | 9.2 | 308.5 | 317.0 | 2.4 | 15 | 2 | 2 |
| 17.1 | 56.5 | 4961.0 | 550.0 | -10.3 | -11.3 | 190.3 | 10.5 | 1.3 | 10.4 | 309.5 | 316.8 | 2.4 | 15 | 2 | 2 |
| 18.2 | 59.6 | 5315.1 | 525.0 | -12.3 | -13.8 | 187.3 | 9.8 | 1.3 | 9.8 | 310.2 | 314.7 | 1.4 | 15 | 2 | 2 |
| 19.5 | 62.8 | 5682.3 | 500.0 | -15.2 | -20.4 | 178.0 | 9.5 | 1.7 | 9.4 | 312.4 | 314.4 | 0.6 | 15 | 2 | 2 |
| 20.5 | 66.0 | 6066.2 | 475.0 | -17.0 | -30.3 | 190.0 | 10.6 | 4.8 | 10.4 | 316.0 | 317.4 | 0.4 | 15 | 2 | 2 |
| 21.6 | 69.3 | 6466.9 | 450.0 | -18.7 | -34.1 | 206.8 | 11.2 | 2.8 | 10.4 | 317.5 | 318.7 | 0.3 | 15 | 2 | 2 |
| 22.6 | 72.6 | 6865.8 | 425.0 | -21.6 | -36.2 | 196.7 | 9.9 | 4.6 | 11.5 | 318.2 | 319.1 | 0.3 | 15 | 2 | 2 |
| 23.6 | 75.0 | 7233.5 | 400.0 | -24.6 | -40.9 | 201.9 | 12.4 | 7.0 | 10.5 | 319.6 | 320.5 | 0.3 | 15 | 2 | 2 |
| 24.6 | 78.3 | 7583.2 | 375.0 | -28.3 | -43.8 | 213.8 | 11.7 | 9.2 | 10.5 | 321.0 | 322.2 | 0.3 | 15 | 2 | 2 |
| 25.6 | 81.1 | 7978.9 | 350.0 | -31.8 | -48.8 | 231.8 | 11.7 | 12.8 | 7.7 | 322.1 | 322.9 | 0.3 | 15 | 2 | 2 |
| 26.8 | 83.3 | 8267.3 | 325.0 | -35.4 | -53.6 | 238.8 | 14.9 | 16.0 | 10.0 | 322.9 | 322.9 | 0.3 | 15 | 2 | 2 |
| 28.0 | 87.1 | 8778.9 | 300.0 | -39.6 | -59.9 | 238.2 | 18.9 | 18.8 | 11.0 | 322.9 | 322.9 | 0.3 | 15 | 2 | 2 |
| 29.6 | 91.0 | 9320.9 | 275.0 | -44.4 | -64.4 | 239.8 | 21.8 | 21.6 | 11.4 | 323.3 | 323.3 | 0.3 | 15 | 2 | 2 |
| 30.3 | 95.2 | 9897.0 | 250.0 | -49.7 | -69.9 | 242.1 | 24.4 | 23.5 | 11.7 | 324.2 | 324.2 | 0.3 | 15 | 2 | 2 |
| 31.3 | 99.5 | 10513.3 | 225.0 | -55.1 | -75.9 | 243.5 | 26.3 | 16.2 | 12.4 | 325.8 | 325.8 | 0.3 | 15 | 2 | 2 |
| 32.6 | 104.0 | 11176.8 | 200.0 | -60.5 | -80.9 | 246.3 | 17.7 | 15.2 | 5.7 | 331.0 | 331.0 | 0.3 | 15 | 2 | 2 |
| 33.5 | 109.0 | 11900.3 | 200.0 | -64.3 | -84.3 | 245.4 | 13.6 | 15.2 | 6.3 | 351.3 | 351.3 | 0.3 | 15 | 2 | 2 |
| 34.7 | 114.0 | 12730.4 | 175.0 | -68.8 | -88.8 | 248.7 | 17.4 | 16.6 | 0.9 | 369.6 | 369.6 | 0.3 | 15 | 2 | 2 |
| 35.6 | 119.6 | 13695.8 | 150.0 | -73.8 | -93.9 | 267.0 | 17.6 | 17.6 | 0.4 | 390.3 | 390.3 | 0.3 | 15 | 2 | 2 |
| 36.6 | 125.7 | 14847.1 | 125.0 | -78.8 | -98.9 | 268.7 | 15.9 | 15.9 | 0.4 | 411.2 | 411.2 | 0.3 | 15 | 2 | 2 |
| 37.7 | 132.3 | 16243.6 | 100.0 | -83.8 | -103.9 | 268.7 | 10.4 | 10.2 | -2.1 | 450.2 | 450.2 | 0.3 | 15 | 2 | 2 |
| 38.7 | 140.0 | 18041.2 | 75.0 | -88.8 | -108.9 | 325.8 | 4.2 | 2.4 | -3.5 | 509.8 | 509.8 | 0.3 | 15 | 2 | 2 |
| 39.7 | 148.3 | 20587.3 | 50.0 | -93.9 | -113.9 | 56.6 | 4.3 | -3.6 | -2.4 | 630.2 | 630.2 | 0.3 | 15 | 2 | 2 |
| 40.7 | 157.3 | 24996.6 | 25.0 | -98.9 | -118.9 | | | | | | | 0.3 | 15 | 2 | 2 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

| STATION NO. 532 PEORIA, ILLINOIS | | | | | | | | | | | | | | | 162 12. 0 | | |
|-------------------------------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|-----------|--|--|
| 25 APRIL 1982 515 GMT | | | | | | | | | | | | | | | | | |
| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG | | |
| 0.0 | 7.5 | 200.0 | 992.1 | 13.3 | 2.2 | 170.0 | 5.2 | -0.9 | 5.1 | 287.1 | 299.2 | 4.5 | 47.0 | 0.0 | 0. | | |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | | |
| 0.5 | 9.2 | 346.5 | 975.0 | 14.1 | -2.1 | 194.3 | 15.4 | 3.8 | 14.9 | 289.3 | 298.6 | 3.4 | 32.8 | 0.4 | 3. | | |
| 1.2 | 11.6 | 585.9 | 950.0 | 14.8 | -4.0 | 195.1 | 16.3 | 4.3 | 15.7 | 292.3 | 300.6 | 3.0 | 28.8 | 1.1 | 10. | | |
| 2.1 | 14.2 | 790.4 | 925.0 | 12.7 | -5.3 | 197.7 | 15.0 | 4.6 | 14.3 | 292.3 | 300.2 | 2.8 | 28.0 | 1.9 | 12. | | |
| 2.8 | 16.7 | 1019.6 | 900.0 | 11.2 | -6.0 | 205.8 | 13.4 | 5.8 | 12.0 | 293.0 | 300.7 | 2.7 | 29.4 | 2.5 | 15. | | |
| 3.7 | 19.2 | 1253.8 | 875.0 | 9.0 | -8.8 | 209.4 | 11.5 | 5.6 | 10.0 | 293.0 | 300.7 | 2.2 | 27.4 | 3.1 | 18. | | |
| 4.5 | 21.8 | 1492.5 | 850.0 | 6.7 | -7.2 | 208.1 | 10.0 | 4.7 | 8.8 | 293.2 | 300.6 | 2.6 | 36.4 | 3.7 | 19. | | |
| 5.4 | 24.4 | 1736.8 | 825.0 | 4.6 | -7.6 | 213.6 | 8.9 | 4.9 | 7.4 | 293.5 | 300.9 | 2.6 | 40.5 | 4.2 | 20. | | |
| 6.2 | 27.0 | 1986.4 | 800.0 | 2.8 | -8.2 | 221.7 | 9.1 | 6.1 | 6.8 | 294.1 | 301.4 | 2.6 | 44.3 | 4.6 | 22. | | |
| 7.0 | 29.7 | 2242.2 | 775.0 | 0.2 | -9.6 | 228.0 | 9.3 | 6.9 | 6.7 | 298.2 | 300.9 | 2.4 | 47.6 | 5.0 | 24. | | |
| 7.8 | 32.3 | 2505.2 | 750.0 | 1.4 | -21.9 | 212.9 | 7.9 | 4.3 | 6.7 | 303.2 | 304.4 | 0.9 | 15.6 | 5.4 | 26. | | |
| 8.8 | 35.0 | 2778.0 | 725.0 | 1.8 | -21.5 | 199.0 | 8.1 | 2.2 | 7.6 | 303.2 | 307.3 | 0.9 | 15.6 | 6.3 | 25. | | |
| 9.8 | 37.7 | 3060.3 | 700.0 | 0.6 | -22.6 | 196.6 | 7.9 | 2.2 | 8.8 | 304.5 | 307.7 | 0.8 | 18.8 | 7.4 | 23. | | |
| 10.8 | 40.4 | 3351.4 | 675.0 | -1.0 | -23.2 | 193.5 | 9.0 | 2.1 | 10.3 | 305.2 | 308.2 | 0.7 | 17.6 | 8.1 | 23. | | |
| 11.8 | 43.2 | 3651.1 | 650.0 | -5.3 | -24.9 | 193.5 | 10.5 | 2.5 | 9.7 | 305.2 | 308.7 | 0.6 | 17.2 | 8.7 | 22. | | |
| 12.9 | 46.1 | 3959.9 | 625.0 | -5.7 | -26.4 | 193.8 | 10.0 | 2.4 | 9.7 | 305.7 | 308.7 | 1.4 | 47.8 | 9.3 | 20. | | |
| 13.9 | 49.0 | 4278.5 | 600.0 | -8.1 | -28.0 | 186.7 | 9.8 | 1.1 | 11.5 | 307.6 | 312.0 | 0.8 | 30.3 | 10.2 | 19. | | |
| 15.1 | 51.9 | 4607.8 | 575.0 | -10.6 | -19.5 | 181.9 | 11.5 | 0.4 | 13.1 | 309.6 | 312.2 | 0.5 | 20.2 | 11.1 | 18. | | |
| 16.3 | 54.9 | 4948.6 | 550.0 | -12.2 | -26.1 | 182.1 | 13.1 | 0.5 | 13.2 | 310.6 | 312.2 | 0.4 | 18.4 | 12.0 | 17. | | |
| 17.4 | 57.9 | 5302.7 | 525.0 | -14.8 | -32.6 | 187.0 | 13.3 | 1.6 | 11.7 | 312.7 | 314.0 | 0.3 | 18.4 | 13.0 | 16. | | |
| 18.7 | 61.0 | 5670.4 | 500.0 | -18.7 | -35.1 | 188.9 | 12.0 | 2.6 | 12.7 | 313.8 | 316.9 | 0.6 | 43.9 | 13.6 | 15. | | |
| 20.0 | 64.3 | 6053.8 | 475.0 | -19.5 | -37.5 | 192.7 | 12.9 | 2.1 | 12.7 | 314.9 | 319.4 | 0.9 | 75.2 | 15.0 | 15. | | |
| 21.3 | 67.4 | 6453.3 | 450.0 | -22.6 | -32.4 | 189.3 | 14.5 | 1.2 | 14.5 | 316.8 | 319.4 | 0.8 | 76.6 | 16.3 | 15. | | |
| 22.7 | 70.9 | 6871.0 | 425.0 | -25.3 | -28.4 | 184.7 | 13.7 | 2.5 | 13.5 | 319.5 | 322.1 | 0.8 | 76.6 | 17.5 | 15. | | |
| 24.2 | 74.3 | 7309.5 | 400.0 | -27.3 | -30.1 | 190.5 | 13.2 | 3.6 | 12.7 | 320.4 | 322.2 | 0.4 | 77.7 | 18.7 | 15. | | |
| 25.7 | 77.9 | 7770.7 | 375.0 | -31.1 | -34.0 | 195.6 | 13.2 | 2.7 | 12.9 | 320.7 | 322.2 | 99.9 | 99.9 | 20.1 | 14. | | |
| 27.3 | 81.5 | 8255.4 | 350.0 | -35.6 | -38.1 | 191.7 | 13.2 | 2.7 | 13.4 | 321.4 | 321.7 | 99.9 | 99.9 | 21.8 | 14. | | |
| 29.0 | 85.3 | 8766.5 | 325.0 | -40.1 | 99.9 | 191.5 | 14.4 | 3.2 | 14.0 | 321.7 | 321.7 | 99.9 | 99.9 | 23.6 | 14. | | |
| 31.0 | 89.3 | 9307.1 | 300.0 | -45.2 | 99.9 | 192.9 | 17.2 | 7.2 | 15.6 | 322.6 | 322.6 | 99.9 | 99.9 | 26.1 | 16. | | |
| 33.0 | 93.4 | 9881.4 | 275.0 | -50.2 | 99.9 | 204.9 | 21.5 | 12.2 | 17.7 | 323.7 | 323.7 | 99.9 | 99.9 | 28.9 | 18. | | |
| 35.3 | 97.8 | 10495.9 | 250.0 | -55.4 | 99.9 | 214.7 | 15.9 | 10.0 | 12.3 | 326.4 | 326.4 | 99.9 | 99.9 | 30.8 | 19. | | |
| 37.6 | 102.4 | 11160.8 | 225.0 | -60.1 | 99.9 | 218.9 | 12.9 | 8.9 | 9.3 | 334.8 | 334.8 | 99.9 | 99.9 | 32.8 | 22. | | |
| 40.3 | 107.4 | 11890.4 | 200.0 | -61.9 | 99.9 | 223.6 | 14.5 | 11.9 | 8.3 | 350.8 | 350.8 | 99.9 | 99.9 | 35.7 | 26. | | |
| 43.5 | 112.8 | 12720.9 | 175.0 | -60.1 | 99.9 | 235.2 | 17.8 | 17.1 | 5.2 | 371.6 | 371.6 | 99.9 | 99.9 | 38.3 | 31. | | |
| 47.1 | 118.7 | 13689.6 | 150.0 | -57.2 | 99.9 | 253.2 | 15.5 | 15.4 | 1.7 | 387.9 | 387.9 | 99.9 | 99.9 | 41.6 | 36. | | |
| 51.3 | 125.3 | 14841.0 | 125.0 | -59.1 | 99.9 | 263.9 | 15.6 | 14.9 | 4.5 | 411.8 | 411.8 | 99.9 | 99.9 | 45.8 | 40. | | |
| 56.5 | 133.0 | 16234.6 | 100.0 | -60.0 | 99.9 | 253.2 | 11.2 | 11.2 | 0.9 | 449.0 | 449.0 | 99.9 | 99.9 | 48.2 | 44. | | |
| 62.8 | 141.7 | 18035.8 | 75.0 | -59.1 | 99.9 | 265.3 | 5.4 | 5.3 | -1.1 | 505.4 | 505.4 | 99.9 | 99.9 | 47.8 | 44. | | |
| 71.6 | 152.0 | 20582.4 | 50.0 | -58.6 | 99.9 | 281.4 | 99.9 | 99.9 | 99.9 | 627.3 | 627.3 | 99.9 | 99.9 | 47.8 | 44. | | |
| 85.8 | 163.0 | 24985.7 | 25.0 | -54.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 47.8 | 44. | | |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
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OF POOR QUALITY

STATION NO. 553
OMAHA, NEBRASKA

24 APRIL 1982
1415 GMT

160 19. 0

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 11.0 | 400.0 | 966.4 | 13.4 | 4.6 | 180.0 | 7.7 | 0.0 | 7.7 | 289.4 | 304.0 | 5.5 | 55.0 | 0.0 | 0 |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.4 | 12.7 | 543.7 | 950.0 | 11.9 | 1.2 | 209.2 | 10.8 | 5.3 | 9.4 | 289.3 | 301.2 | 4.4 | 47.8 | 0.4 | 15 |
| 1.2 | 15.3 | 766.3 | 925.0 | 10.4 | 0.6 | 214.6 | 14.9 | 8.4 | 12.2 | 289.9 | 301.6 | 4.3 | 50.6 | 0.8 | 25 |
| 2.9 | 17.9 | 994.6 | 900.0 | 10.0 | 1.0 | 217.6 | 18.3 | 11.1 | 14.5 | 292.8 | 305.3 | 4.6 | 50.1 | 1.8 | 31 |
| 2.9 | 20.5 | 1229.1 | 875.0 | 9.1 | -0.6 | 217.8 | 17.1 | 10.5 | 13.5 | 293.3 | 304.8 | 4.2 | 50.4 | 2.6 | 34 |
| 3.8 | 23.2 | 1468.7 | 850.0 | 7.4 | -1.3 | 211.7 | 16.5 | 8.7 | 14.0 | 293.9 | 305.2 | 4.1 | 53.9 | 3.5 | 34 |
| 4.7 | 25.9 | 1713.8 | 825.0 | 5.5 | -0.1 | 198.7 | 15.2 | 4.9 | 14.4 | 294.4 | 307.2 | 4.6 | 67.3 | 4.4 | 33 |
| 5.7 | 28.6 | 1965.3 | 800.0 | 4.4 | -0.8 | 194.1 | 13.6 | 3.3 | 13.2 | 295.8 | 308.3 | 4.5 | 69.0 | 5.2 | 29 |
| 6.6 | 31.3 | 2223.5 | 775.0 | 3.6 | -1.4 | 205.9 | 14.2 | 6.2 | 12.8 | 297.7 | 310.2 | 4.5 | 70.0 | 6.0 | 28 |
| 7.6 | 34.0 | 2489.9 | 750.0 | 3.5 | -3.4 | 214.3 | 13.2 | 7.4 | 10.9 | 300.5 | 311.8 | 4.0 | 60.1 | 6.8 | 28 |
| 8.6 | 36.8 | 2765.3 | 725.0 | 2.9 | -6.2 | 218.5 | 12.0 | 7.4 | 9.4 | 302.7 | 312.3 | 3.3 | 51.1 | 7.5 | 30 |
| 9.7 | 39.6 | 3046.6 | 700.0 | 1.2 | -8.2 | 219.2 | 12.0 | 7.6 | 9.3 | 303.8 | 312.4 | 2.9 | 49.2 | 8.3 | 30 |
| 10.7 | 42.4 | 3340.8 | 675.0 | -0.1 | -8.4 | 225.6 | 11.1 | 7.9 | 7.8 | 305.6 | 314.5 | 3.0 | 53.3 | 9.0 | 31 |
| 11.8 | 45.3 | 3642.0 | 650.0 | -2.2 | -10.5 | 226.3 | 9.0 | 6.5 | 6.2 | 306.5 | 314.4 | 2.6 | 52.6 | 9.6 | 32 |
| 12.9 | 48.3 | 3952.4 | 625.0 | -4.5 | -12.3 | 224.1 | 8.2 | 5.7 | 5.9 | 307.3 | 314.5 | 2.4 | 54.5 | 10.1 | 33 |
| 14.0 | 51.3 | 4272.9 | 600.0 | -6.2 | -17.1 | 223.2 | 7.1 | 4.8 | 5.1 | 308.9 | 314.2 | 1.7 | 41.9 | 10.7 | 34 |
| 15.3 | 54.3 | 4604.4 | 575.0 | -8.9 | -22.1 | 213.6 | 7.7 | 4.2 | 6.4 | 309.6 | 313.2 | 1.1 | 33.3 | 11.2 | 34 |
| 16.4 | 57.4 | 4947.1 | 550.0 | -11.4 | -24.1 | 207.1 | 8.0 | 3.6 | 7.1 | 310.5 | 313.7 | 1.0 | 33.9 | 11.7 | 34 |
| 17.7 | 60.5 | 5301.8 | 525.0 | -14.4 | -29.9 | 209.4 | 7.7 | 3.8 | 6.7 | 311.2 | 313.2 | 0.6 | 25.9 | 12.3 | 33 |
| 19.0 | 63.7 | 5670.4 | 500.0 | -16.4 | -35.0 | 206.6 | 7.8 | 3.5 | 6.9 | 313.1 | 314.4 | 0.4 | 18.1 | 12.9 | 33 |
| 20.3 | 66.9 | 6054.1 | 475.0 | -19.4 | -37.7 | 208.3 | 7.9 | 3.8 | 7.0 | 313.9 | 315.0 | 0.3 | 17.9 | 13.5 | 33 |
| 21.8 | 70.3 | 6454.1 | 450.0 | -21.7 | -39.6 | 219.8 | 9.3 | 5.9 | 7.1 | 316.0 | 316.9 | 0.3 | 17.8 | 14.3 | 33 |
| 23.5 | 73.7 | 6872.8 | 425.0 | -24.8 | -42.3 | 217.0 | 8.7 | 5.2 | 6.9 | 317.2 | 317.9 | 0.2 | 17.8 | 15.2 | 33 |
| 25.0 | 77.3 | 7310.7 | 400.0 | -28.3 | -45.0 | 214.1 | 9.2 | 5.1 | 7.6 | 318.3 | 318.9 | 0.2 | 18.3 | 16.0 | 33 |
| 26.6 | 80.9 | 7770.1 | 375.0 | -31.9 | -48.0 | 218.0 | 9.4 | 5.8 | 7.4 | 319.3 | 319.8 | 0.1 | 18.4 | 16.8 | 33 |
| 28.3 | 84.7 | 8253.6 | 350.0 | -35.7 | -50.9 | 223.5 | 11.4 | 7.8 | 8.2 | 320.6 | 321.0 | 0.1 | 19.0 | 17.9 | 34 |
| 30.0 | 88.6 | 8763.9 | 325.0 | -40.4 | -59.9 | 227.0 | 12.7 | 9.3 | 8.6 | 321.0 | 321.0 | 99.9 | 99.9 | 18.1 | 35 |
| 31.8 | 92.7 | 9304.7 | 300.0 | -44.8 | -69.9 | 228.9 | 13.5 | 10.2 | 8.9 | 322.0 | 322.0 | 99.9 | 99.9 | 19.1 | 36 |
| 33.8 | 96.8 | 9880.1 | 275.0 | -49.8 | -79.9 | 231.8 | 13.5 | 10.6 | 8.4 | 323.1 | 323.1 | 99.9 | 99.9 | 20.4 | 36 |
| 36.0 | 101.3 | 10496.2 | 250.0 | -55.1 | -89.9 | 234.0 | 11.5 | 10.2 | 8.4 | 324.2 | 324.2 | 99.9 | 99.9 | 22.1 | 37 |
| 38.3 | 106.2 | 11163.9 | 225.0 | -57.4 | -99.9 | 242.0 | 8.8 | 7.3 | 5.4 | 324.5 | 324.5 | 99.9 | 99.9 | 23.7 | 38 |
| 40.7 | 111.2 | 11903.3 | 200.0 | -60.7 | -99.9 | 236.3 | 11.1 | 8.9 | 6.6 | 330.5 | 330.5 | 99.9 | 99.9 | 24.8 | 39 |
| 43.5 | 116.6 | 12736.2 | 175.0 | -57.8 | -99.9 | 240.3 | 13.9 | 12.0 | 6.9 | 336.7 | 336.7 | 99.9 | 99.9 | 26.3 | 40 |
| 46.7 | 122.7 | 13711.0 | 150.0 | -57.3 | -99.9 | 257.0 | 15.3 | 14.9 | 3.4 | 371.3 | 371.3 | 99.9 | 99.9 | 28.2 | 41 |
| 50.4 | 129.3 | 14865.9 | 125.0 | -57.9 | -99.9 | 259.0 | 14.6 | 14.3 | 2.8 | 390.2 | 390.2 | 99.9 | 99.9 | 30.7 | 44 |
| 55.2 | 137.0 | 16279.1 | 100.0 | -57.8 | -99.9 | 259.5 | 15.1 | 14.8 | 2.8 | 416.1 | 416.1 | 99.9 | 99.9 | 33.3 | 47 |
| 61.1 | 146.0 | 18100.8 | 75.0 | -56.6 | -99.9 | 272.9 | 11.1 | 11.1 | -0.6 | 454.3 | 454.3 | 99.9 | 99.9 | 37.1 | 50 |
| 69.0 | 156.5 | 20682.5 | 50.0 | -54.6 | -99.9 | 276.9 | 3.8 | 3.7 | -0.5 | 514.1 | 514.1 | 99.9 | 99.9 | 41.5 | 54 |
| 80.8 | 167.5 | 25142.4 | 25.0 | -50.6 | -99.9 | 63.5 | 3.1 | -2.8 | -1.4 | 639.5 | 639.5 | 99.9 | 99.9 | 43.1 | 56 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 553
OMAHA, NEBRASKA
24 APRIL 1982
1715 GMT

| TIME MIN | ONTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO CM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0 | 11.3 | 400.0 | 965.5 | 19.4 | 7.8 | 180.0 | 9.3 | 0.0 | 9.3 | 295.5 | 314.1 | 5.9 | 47.0 | 0.0 | 0. |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.5 | 13.0 | 538.2 | 950.0 | 16.4 | -0.4 | 196.1 | 12.7 | 3.5 | 12.2 | 293.8 | 304.6 | 3.9 | 31.9 | 0.3 | 15. |
| 1.3 | 15.8 | 764.0 | 925.0 | 14.1 | 0.3 | 191.1 | 12.6 | 2.4 | 12.3 | 293.8 | 305.4 | 4.2 | 38.7 | 1.0 | 16. |
| 2.1 | 18.4 | 994.3 | 900.0 | 11.9 | 0.2 | 186.0 | 12.3 | 1.3 | 12.3 | 293.7 | 305.6 | 4.3 | 44.6 | 1.5 | 13. |
| 3.1 | 21.2 | 1229.0 | 875.0 | 9.3 | -0.0 | 188.2 | 12.8 | 1.8 | 12.7 | 293.5 | 305.5 | 4.4 | 52.0 | 2.2 | 10. |
| 4.1 | 24.0 | 1468.6 | 850.0 | 7.2 | 0.1 | 199.1 | 14.6 | 4.8 | 13.8 | 293.7 | 308.1 | 4.4 | 60.6 | 3.1 | 11. |
| 5.1 | 26.8 | 1713.7 | 825.0 | 5.3 | 0.5 | 203.2 | 16.6 | 6.5 | 15.2 | 294.3 | 307.5 | 4.8 | 71.1 | 4.0 | 14. |
| 6.2 | 29.7 | 1965.7 | 800.0 | 3.3 | 0.1 | 208.2 | 17.2 | 8.5 | 15.0 | 297.3 | 310.7 | 4.8 | 86.5 | 5.1 | 16. |
| 7.0 | 32.4 | 2225.1 | 775.0 | 1.1 | -1.1 | 208.2 | 17.9 | 8.5 | 15.8 | 298.3 | 311.0 | 4.8 | 98.5 | 6.0 | 19. |
| 8.0 | 35.3 | 2491.4 | 750.0 | 3.1 | -2.9 | 213.3 | 17.9 | 7.1 | 15.8 | 300.0 | 311.6 | 4.1 | 84.4 | 6.9 | 20. |
| 9.0 | 38.1 | 2768.6 | 725.0 | 3.4 | -7.7 | 227.1 | 12.9 | 7.2 | 10.8 | 303.2 | 311.9 | 3.0 | 44.1 | 7.5 | 22. |
| 10.2 | 41.1 | 3050.5 | 700.0 | 1.7 | -10.0 | 233.0 | 9.1 | 7.2 | 8.7 | 304.4 | 312.0 | 2.5 | 41.1 | 8.1 | 24. |
| 11.5 | 44.0 | 3343.0 | 675.0 | 0.3 | -14.7 | 233.0 | 7.7 | 5.1 | 5.7 | 306.0 | 311.5 | 1.8 | 31.2 | 8.7 | 26. |
| 12.8 | 47.0 | 3644.4 | 650.0 | -1.6 | -19.0 | 207.4 | 6.8 | 3.0 | 5.9 | 307.2 | 311.3 | 1.3 | 25.0 | 9.2 | 26. |
| 14.0 | 50.1 | 3955.1 | 625.0 | -4.3 | -21.3 | 208.8 | 7.6 | 3.6 | 6.6 | 307.5 | 311.0 | 1.1 | 22.2 | 9.7 | 26. |
| 15.4 | 53.3 | 4275.2 | 600.0 | -7.1 | -25.1 | 208.6 | 9.1 | 4.1 | 8.1 | 307.9 | 310.5 | 0.9 | 22.2 | 10.4 | 27. |
| 16.6 | 56.4 | 4605.8 | 575.0 | -9.5 | -29.5 | 202.8 | 10.3 | 5.1 | 8.9 | 308.8 | 310.5 | 0.8 | 20.6 | 11.1 | 27. |
| 17.9 | 59.8 | 4947.8 | 550.0 | -11.4 | -31.9 | 197.6 | 10.3 | 3.6 | 8.5 | 310.6 | 312.6 | 0.6 | 19.7 | 11.9 | 27. |
| 19.2 | 62.9 | 5303.2 | 525.0 | -13.7 | -34.4 | 206.4 | 7.6 | 3.5 | 7.2 | 312.0 | 313.7 | 0.5 | 19.1 | 12.6 | 28. |
| 20.7 | 66.1 | 5672.3 | 500.0 | -16.3 | -36.6 | 208.0 | 9.3 | 4.4 | 7.0 | 313.2 | 314.6 | 0.4 | 18.8 | 13.1 | 26. |
| 22.1 | 69.6 | 6058.5 | 475.0 | -18.7 | -38.7 | 210.4 | 9.9 | 5.0 | 8.2 | 316.1 | 316.0 | 0.3 | 18.4 | 13.9 | 26. |
| 23.9 | 73.1 | 6457.1 | 450.0 | -21.6 | -38.1 | 208.7 | 10.3 | 4.9 | 8.5 | 318.1 | 318.1 | 0.3 | 18.3 | 14.9 | 26. |
| 25.4 | 76.7 | 6875.6 | 425.0 | -25.0 | -35.4 | 207.9 | 10.9 | 5.1 | 9.0 | 317.0 | 318.1 | 0.3 | 18.3 | 15.9 | 27. |
| 27.2 | 80.3 | 7312.9 | 400.0 | -28.7 | -35.9 | 215.7 | 13.3 | 7.7 | 10.8 | 317.7 | 319.3 | 0.5 | 18.3 | 16.9 | 27. |
| 29.0 | 84.1 | 7772.0 | 375.0 | -31.8 | -42.7 | 220.5 | 13.2 | 8.6 | 10.8 | 319.5 | 321.0 | 0.4 | 18.3 | 17.9 | 27. |
| 30.9 | 88.0 | 8255.8 | 350.0 | -35.8 | -42.7 | 217.2 | 12.9 | 8.6 | 10.8 | 320.4 | 321.3 | 0.2 | 18.3 | 18.3 | 27. |
| 32.8 | 92.2 | 8766.0 | 325.0 | -40.3 | -42.7 | 217.2 | 12.9 | 7.8 | 10.3 | 322.4 | 321.3 | 0.2 | 18.3 | 19.8 | 28. |
| 34.7 | 96.2 | 9308.7 | 300.0 | -44.6 | -42.7 | 204.7 | 12.2 | 7.8 | 10.3 | 322.4 | 321.3 | 0.2 | 18.3 | 21.2 | 29. |
| 36.6 | 100.7 | 9882.7 | 275.0 | -49.6 | -42.7 | 203.7 | 9.5 | 5.1 | 11.1 | 322.4 | 321.3 | 0.2 | 18.3 | 22.7 | 29. |
| 38.9 | 105.2 | 10500.1 | 250.0 | -54.6 | -42.7 | 200.7 | 9.4 | 3.3 | 8.7 | 322.5 | 321.3 | 0.2 | 18.3 | 23.9 | 29. |
| 41.0 | 110.0 | 11185.4 | 225.0 | -59.9 | -42.7 | 195.4 | 11.0 | 2.9 | 8.8 | 325.0 | 321.3 | 0.2 | 18.3 | 25.1 | 28. |
| 43.6 | 115.2 | 11903.4 | 200.0 | -58.4 | -42.7 | 214.6 | 12.2 | 6.9 | 10.7 | 326.7 | 321.3 | 0.2 | 18.3 | 26.4 | 28. |
| 46.4 | 120.7 | 12745.3 | 175.0 | -58.2 | -42.7 | 245.3 | 15.8 | 14.4 | 10.0 | 340.2 | 321.3 | 0.2 | 18.3 | 28.1 | 27. |
| 49.5 | 126.7 | 13715.6 | 150.0 | -58.8 | -42.7 | 247.4 | 13.5 | 14.4 | 6.6 | 353.9 | 321.3 | 0.2 | 18.3 | 30.3 | 29. |
| 53.3 | 133.2 | 14869.8 | 125.0 | -58.8 | -42.7 | 249.8 | 15.5 | 14.5 | 5.3 | 372.2 | 321.3 | 0.2 | 18.3 | 32.5 | 32. |
| 58.0 | 140.3 | 16284.8 | 100.0 | -56.7 | -42.7 | 262.3 | 15.6 | 15.5 | 2.1 | 392.2 | 321.3 | 0.2 | 18.3 | 35.0 | 36. |
| 64.1 | 148.7 | 18112.2 | 75.0 | -56.1 | -42.7 | 268.5 | 10.1 | 9.3 | 2.1 | 455.4 | 321.3 | 0.2 | 18.3 | 38.8 | 40. |
| 72.4 | 158.0 | 20687.7 | 50.0 | -54.9 | -42.7 | 268.5 | 3.6 | 3.6 | 0.2 | 514.1 | 321.3 | 0.2 | 18.3 | 42.0 | 45. |
| 84.8 | 167.5 | 25155.7 | 25.0 | -49.0 | -42.7 | 88.2 | 5.3 | -5.3 | -0.2 | 644.1 | 321.3 | 0.2 | 18.3 | 44.7 | 47. |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 ** BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 *** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
 **** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 553
OMAHA, NEBRASKA
24 APRIL 1982
2015 GMT

| TIME MIN | QNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO CM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0 0 | 10.4 | 400.0 | 963.6 | 20.0 | 7.4 | 180.0 | 10.3 | 0.0 | 10.3 | 295.3 | 314.5 | 6.7 | 44.0 | 0.0 | 0 |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999 |
| 0 3 | 11.7 | 522.3 | 975.0 | 18.7 | 0.3 | 199.3 | 9.9 | 3.3 | 9.3 | 296.1 | 307.7 | 4.1 | 29.1 | 0.5 | 3 |
| 0 9 | 14.2 | 749.7 | 925.0 | 16.3 | 0.7 | 192.0 | 11.0 | 4.4 | 11.0 | 296.0 | 308.1 | 4.4 | 24.7 | 0.8 | 9 |
| 1 8 | 16.7 | 981.4 | 900.0 | 13.2 | 0.6 | 201.7 | 14.8 | 5.5 | 13.8 | 295.2 | 307.4 | 4.4 | 41.9 | 1.5 | 15 |
| 2 9 | 19.3 | 1217.4 | 875.0 | 11.1 | 0.4 | 202.6 | 14.6 | 5.6 | 13.4 | 295.4 | 307.8 | 4.5 | 47.6 | 2.5 | 18 |
| 3 9 | 21.9 | 1458.5 | 850.0 | 9.1 | 0.2 | 207.6 | 13.5 | 6.2 | 11.9 | 295.7 | 308.3 | 4.6 | 53.5 | 3.3 | 19 |
| 4 7 | 24.6 | 1705.0 | 825.0 | 6.7 | 0.0 | 216.1 | 12.2 | 7.2 | 9.9 | 295.7 | 308.6 | 4.7 | 62.2 | 4.0 | 21 |
| 5 6 | 27.2 | 1957.2 | 800.0 | 4.9 | -0.1 | 221.6 | 11.4 | 7.6 | 8.5 | 296.4 | 309.5 | 4.8 | 70.1 | 4.5 | 24 |
| 6 4 | 29.9 | 2217.0 | 775.0 | 6.7 | -1.7 | 209.0 | 11.6 | 5.6 | 10.1 | 301.0 | 313.4 | 4.4 | 55.2 | 5.1 | 25 |
| 7 2 | 32.7 | 2485.8 | 750.0 | 4.9 | -4.7 | 210.0 | 10.6 | 5.3 | 9.2 | 301.9 | 312.3 | 3.6 | 49.8 | 5.6 | 25 |
| 8 1 | 35.0 | 2762.0 | 725.0 | 4.1 | -7.9 | 233.2 | 6.6 | 5.3 | 4.0 | 304.0 | 312.6 | 2.9 | 41.2 | 6.1 | 26 |
| 9 2 | 38.0 | 3046.4 | 700.0 | 2.6 | -11.9 | 242.0 | 4.6 | 4.0 | 2.1 | 305.4 | 312.0 | 2.2 | 33.3 | 6.4 | 28 |
| 10 3 | 40.9 | 3339.1 | 675.0 | -0.2 | -14.7 | 261.5 | 2.7 | 2.7 | 0.4 | 305.5 | 311.0 | 1.8 | 32.4 | 6.6 | 29 |
| 11 5 | 43.8 | 3640.0 | 650.0 | -2.5 | -16.8 | 263.1 | 2.8 | 2.7 | 0.3 | 306.2 | 311.1 | 1.6 | 32.2 | 6.7 | 31 |
| 12 6 | 46.6 | 3950.0 | 625.0 | -5.0 | -15.1 | 239.4 | 3.5 | 3.0 | 1.8 | 306.8 | 312.6 | 1.9 | 44.9 | 6.8 | 32 |
| 13 7 | 49.6 | 4269.3 | 600.0 | -7.6 | -15.9 | 227.3 | 4.3 | 3.1 | 2.9 | 307.3 | 311.6 | 1.4 | 37.7 | 7.1 | 32 |
| 14 9 | 52.6 | 4599.2 | 575.0 | -9.8 | -25.9 | 219.5 | 6.7 | 4.3 | 5.2 | 308.5 | 311.1 | 0.8 | 25.5 | 7.4 | 33 |
| 16 1 | 55.7 | 4941.7 | 550.0 | -10.8 | -30.2 | 214.6 | 6.9 | 3.9 | 5.7 | 311.3 | 313.1 | 0.6 | 18.4 | 7.9 | 33 |
| 17 2 | 58.8 | 5297.3 | 525.0 | -13.7 | -32.3 | 212.0 | 7.7 | 4.1 | 6.5 | 312.0 | 313.6 | 0.5 | 18.9 | 8.4 | 33 |
| 18 4 | 61.9 | 5666.1 | 500.0 | -16.5 | -34.5 | 198.6 | 8.0 | 2.6 | 7.6 | 313.0 | 314.4 | 0.4 | 19.1 | 9.0 | 33 |
| 20 0 | 65.1 | 6049.3 | 475.0 | -19.5 | -36.9 | 194.3 | 8.1 | 2.0 | 7.8 | 313.8 | 315.0 | 0.3 | 19.6 | 9.7 | 33 |
| 21 3 | 68.3 | 6448.9 | 450.0 | -22.2 | -37.0 | 191.6 | 8.4 | 1.7 | 8.2 | 315.3 | 316.5 | 0.4 | 25.3 | 10.3 | 33 |
| 22 8 | 71.7 | 6866.0 | 425.0 | -25.9 | -35.6 | 185.8 | 8.1 | 0.8 | 8.0 | 315.8 | 317.3 | 0.4 | 29.3 | 11.0 | 39 |
| 24 3 | 75.1 | 7302.6 | 400.0 | -28.2 | -32.8 | 202.4 | 10.9 | 4.2 | 10.1 | 318.4 | 320.4 | 0.6 | 64.5 | 11.8 | 38 |
| 25 7 | 78.5 | 7762.8 | 375.0 | -31.9 | -36.3 | 212.6 | 11.6 | 6.3 | 9.8 | 319.4 | 321.0 | 0.5 | 64.6 | 12.8 | 38 |
| 27 5 | 82.3 | 8246.4 | 350.0 | -35.7 | -41.0 | 206.6 | 11.4 | 5.1 | 10.2 | 320.7 | 321.7 | 0.3 | 57.8 | 14.0 | 38 |
| 29 1 | 86.0 | 8756.9 | 325.0 | -39.8 | -49.9 | 200.6 | 11.3 | 4.0 | 10.6 | 321.8 | 322.7 | 0.3 | 59.9 | 15.1 | 38 |
| 31 4 | 90.0 | 9297.5 | 300.0 | -43.4 | -59.9 | 189.7 | 13.4 | 2.2 | 10.6 | 321.8 | 322.7 | 0.3 | 59.9 | 15.1 | 38 |
| 33 3 | 94.0 | 9872.6 | 275.0 | -49.8 | -69.9 | 182.6 | 15.1 | 0.7 | 15.1 | 321.8 | 322.7 | 0.3 | 59.9 | 15.1 | 38 |
| 35 4 | 98.2 | 10488.8 | 250.0 | -55.0 | -79.9 | 193.0 | 16.2 | 3.6 | 15.7 | 324.3 | 324.3 | 0.3 | 59.9 | 16.2 | 35 |
| 37 5 | 102.8 | 11154.7 | 225.0 | -59.3 | -89.9 | 203.5 | 14.8 | 5.9 | 13.6 | 327.7 | 327.7 | 0.3 | 59.9 | 20.1 | 33 |
| 40 0 | 107.6 | 11897.2 | 200.0 | -58.6 | -99.9 | 219.1 | 11.7 | 7.4 | 9.1 | 339.9 | 339.9 | 0.3 | 59.9 | 24.0 | 33 |
| 42 8 | 112.8 | 12736.7 | 175.0 | -58.4 | -99.9 | 243.6 | 13.9 | 12.5 | 6.2 | 353.6 | 353.6 | 0.3 | 59.9 | 26.1 | 26 |
| 46 3 | 118.5 | 13708.9 | 150.0 | -55.7 | -99.9 | 241.3 | 13.3 | 11.7 | 6.4 | 374.2 | 374.2 | 0.3 | 59.9 | 28.0 | 29 |
| 50 3 | 124.7 | 14871.0 | 125.0 | -55.1 | -99.9 | 251.7 | 18.5 | 17.6 | 5.8 | 395.2 | 395.2 | 0.3 | 59.9 | 31.1 | 33 |
| 55 1 | 131.7 | 16293.6 | 100.0 | -56.1 | -99.9 | 260.9 | 15.8 | 15.6 | 2.5 | 418.8 | 418.8 | 0.3 | 59.9 | 35.2 | 45 |
| 61 4 | 139.7 | 18115.8 | 75.0 | -57.0 | -99.9 | 264.7 | 11.6 | 11.6 | 1.1 | 453.5 | 453.5 | 0.3 | 59.9 | 38.7 | 48 |
| 69 3 | 148.7 | 20692.7 | 50.0 | -55.0 | -99.9 | 266.9 | 5.3 | 5.3 | 0.3 | 514.0 | 514.0 | 0.3 | 59.9 | 41.6 | 48 |
| 81 5 | 159.0 | 25166.5 | 25.0 | -50.4 | -99.9 | 77.1 | 3.8 | -3.7 | -0.8 | 639.6 | 639.6 | 0.3 | 59.9 | 42.1 | 48 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

** BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

*** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

*** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 553
OMAHA, NEBRASKA
25 APRIL 1982
215 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 11.3 | 400.0 | 963.7 | 15.6 | 7.4 | 180.0 | 6.7 | 0.0 | 6.7 | 291.8 | 309.7 | 6.7 | 58.0 | 0.0 | 0 |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 0 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 0 |
| 0.4 | 12.8 | 521.5 | 950.0 | 14.9 | 3.6 | 208.8 | 10.5 | 5.1 | 9.2 | 292.3 | 306.4 | 5.2 | 45.7 | 0.3 | 21 |
| 1.3 | 15.4 | 716.4 | 925.0 | 12.7 | 3.1 | 205.6 | 14.1 | 7.0 | 12.3 | 292.3 | 306.4 | 5.2 | 52.0 | 0.9 | 28 |
| 2.3 | 18.1 | 975.8 | 900.0 | 11.0 | 2.4 | 202.4 | 15.9 | 6.0 | 14.7 | 292.9 | 306.6 | 5.1 | 55.3 | 1.9 | 27 |
| 3.4 | 20.8 | 1210.3 | 875.0 | 9.5 | 1.1 | 195.7 | 13.4 | 3.6 | 12.9 | 293.7 | 307.2 | 4.8 | 55.8 | 2.8 | 24 |
| 4.5 | 23.6 | 1450.3 | 850.0 | 7.9 | 0.4 | 201.9 | 12.3 | 4.6 | 11.4 | 294.5 | 310.1 | 4.6 | 58.7 | 3.7 | 22 |
| 5.5 | 26.2 | 1696.2 | 825.0 | 6.9 | 1.5 | 210.1 | 12.9 | 6.5 | 11.2 | 295.9 | 312.5 | 5.2 | 58.6 | 4.4 | 23 |
| 6.5 | 29.0 | 1948.9 | 800.0 | 5.9 | 2.8 | 207.4 | 13.8 | 6.4 | 12.3 | 297.4 | 313.9 | 5.9 | 80.6 | 5.2 | 24 |
| 7.7 | 31.9 | 2208.5 | 775.0 | 4.4 | 0.6 | 211.8 | 11.9 | 6.3 | 10.1 | 298.5 | 312.9 | 4.7 | 76.6 | 6.1 | 24 |
| 8.8 | 34.7 | 2475.3 | 750.0 | 3.3 | -1.2 | 229.0 | 7.1 | 5.3 | 4.6 | 300.1 | 313.2 | 4.4 | 72.8 | 6.7 | 26 |
| 9.8 | 37.5 | 2750.1 | 725.0 | 2.1 | -2.5 | 223.4 | 4.8 | 3.3 | 3.5 | 301.7 | 314.2 | 4.4 | 71.7 | 7.1 | 27 |
| 11.0 | 40.4 | 3032.6 | 700.0 | -0.2 | -5.5 | 200.2 | 2.9 | 1.0 | 2.7 | 302.3 | 312.8 | 3.6 | 67.4 | 7.3 | 27 |
| 12.1 | 43.3 | 3322.9 | 675.0 | -1.9 | -12.2 | 110.6 | 1.8 | 0.6 | 0.6 | 303.6 | 310.2 | 2.2 | 44.9 | 7.4 | 27 |
| 13.4 | 46.3 | 3622.3 | 650.0 | -3.9 | -14.1 | 64.5 | 2.1 | -1.7 | -0.9 | 304.5 | 310.6 | 2.0 | 45.1 | 7.3 | 25 |
| 14.6 | 49.4 | 3930.5 | 625.0 | -6.4 | -15.9 | 60.7 | 2.0 | -1.7 | -1.0 | 305.2 | 310.6 | 1.8 | 46.7 | 7.2 | 25 |
| 15.9 | 52.4 | 4248.4 | 600.0 | -9.0 | -17.7 | 80.0 | 1.5 | -1.5 | -0.3 | 305.7 | 311.4 | 1.9 | 58.0 | 7.1 | 25 |
| 17.1 | 55.5 | 4576.6 | 575.0 | -11.3 | -20.9 | 143.9 | 3.0 | -1.7 | 2.4 | 306.7 | 310.7 | 1.3 | 44.8 | 7.1 | 22 |
| 18.4 | 58.6 | 4916.0 | 550.0 | -13.9 | -17.1 | 141.1 | 5.5 | -3.5 | 4.3 | 307.5 | 313.2 | 1.8 | 77.9 | 7.3 | 22 |
| 19.9 | 61.9 | 5268.1 | 525.0 | -16.2 | -17.8 | 131.6 | 6.5 | -4.8 | 5.1 | 309.0 | 314.5 | 1.8 | 87.1 | 7.5 | 18 |
| 21.3 | 65.1 | 5633.5 | 500.0 | -19.3 | -20.3 | 134.4 | 7.3 | -5.2 | 4.0 | 309.6 | 314.7 | 1.5 | 91.3 | 7.7 | 14 |
| 22.9 | 68.5 | 6013.2 | 475.0 | -22.5 | -22.5 | 134.2 | 5.7 | -4.1 | 4.0 | 310.5 | 314.7 | 1.3 | 96.7 | 8.1 | 10 |
| 24.3 | 71.9 | 6408.8 | 450.0 | -24.5 | -24.5 | 148.6 | 6.0 | -3.1 | 5.1 | 312.5 | 316.1 | 1.1 | 96.0 | 8.4 | 8 |
| 25.9 | 75.4 | 6824.0 | 425.0 | -26.5 | -28.0 | 169.9 | 6.8 | -1.2 | 6.7 | 315.1 | 318.0 | 0.9 | 87.0 | 8.9 | 6 |
| 27.9 | 79.0 | 7259.1 | 400.0 | -29.7 | -31.4 | 170.4 | 7.4 | -2.2 | 7.3 | 316.5 | 318.8 | 0.7 | 84.5 | 9.8 | 5 |
| 31.7 | 86.7 | 8196.1 | 375.0 | -33.6 | -35.9 | 160.1 | 6.5 | -2.2 | 6.1 | 317.2 | 318.8 | 0.5 | 79.3 | 10.5 | 3 |
| 33.8 | 90.7 | 8702.2 | 350.0 | -37.8 | -41.1 | 152.9 | 7.2 | -3.3 | 6.4 | 317.7 | 318.8 | 0.3 | 71.2 | 11.2 | 2 |
| 36.1 | 94.8 | 9239.7 | 325.0 | -42.0 | -45.9 | 151.8 | 9.5 | -4.5 | 8.3 | 318.8 | 318.8 | 0.3 | 71.2 | 12.1 | 2 |
| 38.5 | 99.0 | 9813.4 | 300.0 | -45.9 | -50.4 | 158.1 | 10.8 | -4.0 | 10.0 | 320.7 | 320.7 | 0.9 | 99.9 | 13.4 | 356 |
| 41.1 | 103.6 | 10429.5 | 275.0 | -50.4 | -54.9 | 171.9 | 12.0 | -1.7 | 11.9 | 322.2 | 322.2 | 0.9 | 99.9 | 14.9 | 356 |
| 43.6 | 108.2 | 11098.2 | 250.0 | -54.9 | -59.9 | 177.8 | 14.5 | -0.6 | 14.5 | 324.5 | 324.5 | 0.9 | 99.9 | 17.1 | 355 |
| 46.8 | 113.7 | 11838.8 | 225.0 | -58.0 | -59.9 | 185.2 | 14.3 | 1.3 | 14.2 | 329.7 | 329.7 | 0.9 | 99.9 | 19.3 | 356 |
| 50.1 | 118.7 | 12673.8 | 200.0 | -59.1 | -59.9 | 201.4 | 11.6 | 4.2 | 10.8 | 339.2 | 339.2 | 0.9 | 99.9 | 21.7 | 356 |
| 53.9 | 124.5 | 13651.4 | 175.0 | -56.2 | -56.2 | 215.4 | 11.7 | 6.8 | 9.5 | 353.1 | 353.1 | 0.9 | 99.9 | 23.6 | 360 |
| 58.5 | 130.7 | 14808.6 | 150.0 | -57.0 | -57.0 | 255.5 | 13.9 | 13.5 | 3.5 | 373.4 | 373.4 | 0.9 | 99.9 | 25.1 | 6 |
| 64.0 | 137.7 | 16215.5 | 100.0 | -59.1 | -59.9 | 266.3 | 12.6 | 12.5 | 0.8 | 391.8 | 391.8 | 0.9 | 99.9 | 26.3 | 14 |
| 70.4 | 145.0 | 18022.3 | 75.0 | -57.2 | -57.2 | 255.8 | 11.7 | 11.4 | 2.9 | 413.7 | 413.7 | 0.9 | 99.9 | 27.8 | 21 |
| 79.6 | 153.3 | 20586.4 | 50.0 | -56.9 | -56.9 | 269.9 | 11.3 | 11.3 | 0.0 | 453.1 | 453.1 | 0.9 | 99.9 | 30.7 | 28 |
| 93.2 | 161.7 | 24996.3 | 25.0 | -55.2 | -55.2 | 324.1 | 4.7 | 2.7 | -3.8 | 509.4 | 509.4 | 0.9 | 99.9 | 32.3 | 35 |
| | | | | | | 70.6 | 3.1 | -3.0 | -1.0 | 626.3 | 626.3 | 0.9 | 99.9 | 32.3 | 35 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
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ORIGINAL PAGE 16
OF POOR QUALITY

STATION NO. 553
OMAHA, NEBRASKA
25 APRIL 1982
515 GMT

| TIME MIN | ONTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RIO GN/KG | RH PCT | RANGE YM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0 | 10.7 | 400.0 | 983.2 | 12.9 | 6.7 | 170.0 | 6.7 | -1.2 | 6.6 | 289.1 | 366.0 | 6.4 | 66.0 | 0 | 0 |
| 9.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 9.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.5 | 12.1 | 515.5 | 950.0 | 12.2 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 289.5 | 309.8 | 6.3 | 60.1 | 999.9 | 999.9 |
| 1.3 | 14.8 | 739.4 | 925.0 | 13.4 | 5.8 | 998.9 | 99.9 | 99.9 | 99.9 | 293.0 | 305.5 | 4.9 | 55.3 | 999.9 | 999.9 |
| 2.2 | 17.4 | 969.5 | 900.0 | 10.4 | 1.9 | 211.3 | 15.4 | 8.0 | 13.1 | 292.3 | 307.2 | 5.0 | 59.5 | 2.0 | 16 |
| 3.3 | 20.2 | 1202.8 | 875.0 | 9.4 | 1.9 | 216.8 | 13.0 | 7.8 | 10.4 | 293.7 | 307.4 | 5.0 | 59.5 | 2.8 | 22 |
| 4.1 | 22.9 | 1442.4 | 850.0 | 7.2 | 1.5 | 219.5 | 11.9 | 7.9 | 9.5 | 294.5 | 308.9 | 5.3 | 76.3 | 3.4 | 25 |
| 5.1 | 25.7 | 1687.5 | 825.0 | 5.6 | 1.1 | 221.3 | 11.9 | 7.9 | 8.9 | 296.2 | 311.6 | 5.6 | 83.4 | 4.1 | 27 |
| 6.1 | 28.4 | 1939.3 | 800.0 | 4.8 | 2.2 | 222.9 | 8.2 | 5.6 | 6.0 | 297.5 | 311.0 | 5.9 | 76.8 | 4.7 | 30 |
| 7.0 | 31.1 | 2197.7 | 775.0 | 3.5 | -0.3 | 217.3 | 7.4 | 4.5 | 5.8 | 301.1 | 311.4 | 3.6 | 52.5 | 5.1 | 30 |
| 8.1 | 34.0 | 2464.8 | 750.0 | 4.1 | -4.7 | 219.1 | 7.4 | 4.5 | 5.8 | 301.1 | 311.4 | 3.6 | 52.5 | 5.1 | 30 |
| 9.1 | 36.9 | 2739.9 | 725.0 | 2.1 | -4.1 | 229.5 | 4.6 | 3.5 | 3.0 | 302.4 | 312.0 | 3.5 | 63.8 | 6.0 | 32 |
| 10.3 | 39.8 | 3022.4 | 700.0 | -0.1 | -6.1 | 189.9 | 1.4 | 0.5 | 1.3 | 302.4 | 312.0 | 3.5 | 63.8 | 6.0 | 32 |
| 11.5 | 42.6 | 3313.2 | 675.0 | -1.4 | -13.2 | 88.0 | 3.3 | -3.2 | -0.1 | 304.1 | 310.2 | 2.1 | 40.2 | 6.1 | 31 |
| 12.7 | 45.6 | 3612.6 | 650.0 | -4.0 | -16.2 | 107.4 | 4.3 | -4.1 | 1.3 | 304.5 | 308.5 | 1.7 | 38.0 | 5.9 | 29 |
| 13.9 | 48.6 | 3920.6 | 625.0 | -6.5 | -16.1 | 115.0 | 4.6 | -4.2 | 2.0 | 305.0 | 310.3 | 1.7 | 46.6 | 5.9 | 26 |
| 15.1 | 51.6 | 4238.1 | 600.0 | -9.1 | -17.0 | 113.7 | 5.0 | -4.6 | 2.0 | 305.6 | 310.7 | 1.7 | 52.8 | 5.9 | 22 |
| 16.2 | 54.8 | 4565.6 | 575.0 | -12.2 | -17.3 | 122.6 | 4.4 | -3.7 | 2.4 | 305.7 | 311.0 | 1.9 | 65.5 | 6.0 | 19 |
| 17.5 | 57.9 | 4904.1 | 550.0 | -14.8 | -16.3 | 127.5 | 4.1 | -3.3 | 2.5 | 306.6 | 312.5 | 1.9 | 87.8 | 6.3 | 14 |
| 18.7 | 61.1 | 5255.1 | 525.0 | -17.1 | -17.3 | 160.7 | 5.2 | -1.7 | 4.9 | 307.9 | 313.7 | 1.6 | 97.4 | 6.6 | 13 |
| 20.1 | 64.4 | 5620.0 | 500.0 | -19.3 | -19.5 | 189.5 | 4.7 | 0.8 | 4.6 | 308.5 | 314.5 | 1.3 | 96.7 | 7.0 | 13 |
| 21.6 | 67.7 | 5995.3 | 475.0 | -22.0 | -22.3 | 204.8 | 4.2 | 1.8 | 3.8 | 310.8 | 315.0 | 1.0 | 89.7 | 7.4 | 12 |
| 23.2 | 71.1 | 6395.3 | 450.0 | -24.8 | -26.0 | 184.2 | 3.6 | 0.3 | 3.5 | 312.1 | 315.4 | 0.8 | 85.8 | 7.8 | 12 |
| 24.8 | 74.7 | 6808.9 | 425.0 | -28.0 | -29.7 | 163.9 | 6.2 | -1.7 | 6.0 | 313.1 | 315.6 | 0.5 | 75.4 | 8.3 | 9 |
| 26.5 | 78.3 | 7241.9 | 400.0 | -30.9 | -33.8 | 141.7 | 6.7 | -3.9 | 4.9 | 314.8 | 316.6 | 0.3 | 59.1 | 8.3 | 6 |
| 28.3 | 82.0 | 7696.2 | 375.0 | -34.8 | -40.0 | 148.1 | 9.2 | -4.1 | 5.7 | 315.5 | 316.9 | 0.2 | 51.8 | 9.5 | 4 |
| 30.1 | 85.8 | 8174.0 | 350.0 | -38.9 | -45.1 | 153.9 | 11.6 | -6.3 | 9.7 | 317.1 | 319.1 | 99.9 | 99.9 | 10.7 | 360 |
| 32.2 | 89.7 | 8678.4 | 325.0 | -42.8 | -49.9 | 146.9 | 11.8 | -6.0 | 10.2 | 319.1 | 321.4 | 99.9 | 99.9 | 12.0 | 356 |
| 34.3 | 93.8 | 9213.7 | 300.0 | -47.0 | -54.7 | 149.5 | 12.8 | -3.7 | 12.2 | 321.4 | 323.7 | 99.9 | 99.9 | 13.5 | 353 |
| 36.6 | 98.2 | 9784.9 | 275.0 | -51.0 | -59.9 | 177.3 | 14.1 | -0.7 | 14.1 | 324.8 | 326.9 | 99.9 | 99.9 | 15.8 | 354 |
| 39.1 | 102.7 | 10399.7 | 250.0 | -54.7 | -64.7 | 181.6 | 15.3 | 0.4 | 15.3 | 326.9 | 329.7 | 99.9 | 99.9 | 20.5 | 355 |
| 41.7 | 107.4 | 11068.9 | 225.0 | -57.9 | -69.9 | 181.6 | 16.6 | 1.8 | 16.6 | 329.7 | 332.6 | 99.9 | 99.9 | 22.6 | 357 |
| 44.8 | 112.5 | 11808.2 | 200.0 | -59.5 | -74.7 | 188.1 | 13.0 | 7.8 | 12.9 | 332.6 | 335.9 | 99.9 | 99.9 | 23.5 | 3 |
| 48.1 | 118.0 | 12648.6 | 175.0 | -57.0 | -79.9 | 221.3 | 11.9 | 11.3 | 8.9 | 335.9 | 339.9 | 99.9 | 99.9 | 24.9 | 10 |
| 51.9 | 124.0 | 13628.5 | 150.0 | -55.0 | -84.7 | 225.8 | 11.7 | 11.4 | 2.9 | 339.9 | 343.6 | 99.9 | 99.9 | 27.2 | 17 |
| 56.1 | 130.3 | 14782.5 | 125.0 | -57.1 | -89.9 | 248.3 | 12.3 | 12.7 | 3.7 | 343.6 | 347.9 | 99.9 | 99.9 | 29.6 | 27 |
| 61.5 | 137.7 | 16193.4 | 100.0 | -58.5 | -94.7 | 253.8 | 13.3 | 10.9 | 0.1 | 347.9 | 352.6 | 99.9 | 99.9 | 31.5 | 33 |
| 68.4 | 146.0 | 17997.4 | 75.0 | -58.9 | -99.9 | 259.4 | 10.9 | 4.5 | -0.1 | 352.6 | 357.9 | 99.9 | 99.9 | 31.2 | 33 |
| 77.0 | 155.0 | 20552.8 | 50.0 | -58.4 | -99.9 | 284.1 | 4.7 | -3.7 | 0.5 | 357.9 | 362.8 | 99.9 | 99.9 | | |
| 90.8 | 184.7 | 24955.0 | 25.0 | -54.4 | -99.9 | 98.5 | 3.7 | | | 362.8 | | | | | |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

** BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

*** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

**** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE 19
OF POOR QUALITY

STATION NO. 562
NORTH PLATTE, NEBRASKA
24 APRIL 1982
1410 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 15.4 | 847.0 | 911.6 | 9.8 | 5.6 | 180.0 | 6.7 | 0.0 | 6.7 | 290.5 | 307.2 | 6.3 | 75.0 | 0.0 | 0 |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999 |
| 99.9 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999 |
| 0.4 | 16.6 | 953.2 | 900.0 | 8.1 | 2.7 | 196.2 | 11.1 | 3.1 | 10.6 | 289.9 | 303.7 | 5.2 | 68.6 | 0.3 | 359 |
| 1.1 | 19.1 | 1185.6 | 875.0 | 8.3 | 2.5 | 205.0 | 7.9 | 3.3 | 7.1 | 292.4 | 306.6 | 5.3 | 66.7 | 0.6 | 11 |
| 2.0 | 21.7 | 1426.4 | 850.0 | 10.5 | 1.4 | 180.4 | 3.9 | 0.0 | 3.9 | 297.2 | 311.0 | 5.0 | 53.2 | 0.9 | 16 |
| 2.8 | 24.3 | 1675.6 | 825.0 | 12.0 | 0.1 | 170.8 | 4.5 | -0.7 | 4.4 | 301.2 | 314.5 | 4.7 | 44.0 | 1.0 | 9 |
| 3.9 | 26.9 | 1933.2 | 800.0 | 11.4 | -2.6 | 192.4 | 6.5 | 1.4 | 6.4 | 303.3 | 314.8 | 4.0 | 37.5 | 1.4 | 9 |
| 4.7 | 29.6 | 2197.7 | 775.0 | 9.6 | -3.8 | 189.8 | 5.7 | 1.0 | 5.6 | 304.1 | 314.9 | 3.7 | 38.7 | 1.7 | 10 |
| 5.8 | 32.3 | 2468.8 | 750.0 | 7.5 | -5.7 | 189.3 | 4.8 | 0.8 | 4.8 | 304.7 | 314.4 | 3.3 | 38.6 | 2.0 | 9 |
| 6.9 | 35.0 | 2746.7 | 725.0 | 5.1 | -7.3 | 186.3 | 5.5 | 0.6 | 5.5 | 305.1 | 314.1 | 3.1 | 40.2 | 2.4 | 10 |
| 8.0 | 37.8 | 3032.0 | 700.0 | 2.5 | -6.8 | 184.9 | 6.3 | 0.5 | 6.3 | 305.3 | 314.9 | 3.3 | 50.2 | 2.8 | 8 |
| 9.1 | 40.6 | 3324.9 | 675.0 | -0.2 | -7.7 | 187.3 | 7.1 | 0.9 | 7.1 | 305.4 | 314.7 | 3.2 | 56.9 | 3.2 | 7 |
| 10.2 | 43.4 | 3625.8 | 650.0 | -2.8 | -9.2 | 184.9 | 6.9 | 0.5 | 6.9 | 305.8 | 314.4 | 2.9 | 61.3 | 3.7 | 8 |
| 11.4 | 46.2 | 3935.2 | 625.0 | -5.6 | -11.7 | 181.1 | 7.8 | 0.2 | 7.8 | 306.1 | 313.6 | 2.5 | 62.0 | 4.2 | 7 |
| 12.4 | 49.1 | 4254.0 | 600.0 | -7.9 | -16.4 | 174.8 | 8.3 | -0.8 | 8.2 | 307.0 | 312.4 | 1.8 | 50.2 | 4.7 | 6 |
| 13.7 | 52.1 | 4583.2 | 575.0 | -10.5 | -19.9 | 165.1 | 7.5 | -1.9 | 7.3 | 307.8 | 312.0 | 1.4 | 45.8 | 5.3 | 4 |
| 14.9 | 55.1 | 4924.1 | 550.0 | -12.5 | -24.3 | 164.8 | 6.2 | -1.6 | 6.0 | 309.2 | 312.4 | 1.0 | 36.6 | 5.8 | 3 |
| 15.1 | 58.1 | 5278.2 | 525.0 | -14.7 | -29.6 | 156.3 | 5.2 | -2.1 | 4.8 | 310.8 | 312.8 | 0.6 | 26.6 | 6.1 | 2 |
| 17.3 | 61.3 | 5646.0 | 500.0 | -17.4 | -31.4 | 136.2 | 4.1 | -2.9 | 3.0 | 311.8 | 313.7 | 0.5 | 28.2 | 6.4 | 1 |
| 18.8 | 64.4 | 6027.8 | 475.0 | -20.6 | -31.1 | 137.0 | 4.7 | -3.2 | 3.4 | 312.5 | 314.5 | 0.6 | 38.6 | 6.6 | 357 |
| 20.2 | 67.7 | 6425.1 | 450.0 | -23.9 | -28.7 | 150.8 | 5.3 | -3.1 | 5.5 | 313.2 | 315.8 | 0.8 | 64.4 | 7.0 | 356 |
| 21.8 | 71.1 | 6839.9 | 425.0 | -26.9 | -33.6 | 153.4 | 8.3 | -3.7 | 7.4 | 314.5 | 316.3 | 0.5 | 52.8 | 7.7 | 353 |
| 23.2 | 74.6 | 7274.6 | 400.0 | -30.1 | -36.5 | 154.6 | 9.3 | -4.0 | 8.4 | 315.9 | 317.3 | 0.4 | 53.4 | 8.4 | 352 |
| 24.9 | 78.3 | 7730.5 | 375.0 | -33.8 | -37.6 | 154.7 | 11.5 | -4.9 | 10.4 | 316.8 | 318.2 | 0.4 | 68.2 | 9.4 | 350 |
| 26.5 | 82.0 | 8210.8 | 350.0 | -36.7 | -43.2 | 162.8 | 11.1 | -3.3 | 10.6 | 318.2 | 320.1 | 0.2 | 50.5 | 10.5 | 349 |
| 28.3 | 85.8 | 8719.8 | 325.0 | -40.9 | -43.2 | 166.6 | 10.6 | -2.5 | 10.3 | 320.3 | 320.1 | 99.9 | 99.9 | 11.7 | 348 |
| 30.3 | 89.8 | 9259.2 | 300.0 | -45.2 | -49.9 | 172.0 | 10.6 | -1.5 | 10.6 | 321.7 | 321.7 | 99.9 | 99.9 | 13.0 | 348 |
| 32.6 | 94.2 | 9834.2 | 275.0 | -50.2 | -59.9 | 176.9 | 10.7 | -0.7 | 12.1 | 322.6 | 322.6 | 99.9 | 99.9 | 14.4 | 349 |
| 34.9 | 98.5 | 10452.3 | 250.0 | -53.9 | -69.9 | 172.2 | 13.9 | -1.9 | 13.8 | 325.9 | 325.9 | 99.9 | 99.9 | 16.3 | 350 |
| 37.4 | 103.2 | 11125.1 | 225.0 | -56.0 | -69.9 | 176.9 | 9.8 | -0.5 | 9.8 | 332.8 | 332.8 | 99.9 | 99.9 | 18.2 | 350 |
| 39.9 | 108.2 | 11870.1 | 200.0 | -58.0 | -69.9 | 183.3 | 6.3 | 0.4 | 6.3 | 340.9 | 340.9 | 99.9 | 99.9 | 19.2 | 350 |
| 43.1 | 113.7 | 12714.6 | 175.0 | -56.2 | -69.9 | 218.0 | 8.7 | 5.3 | 6.8 | 357.2 | 357.2 | 99.9 | 99.9 | 20.5 | 352 |
| 46.5 | 119.5 | 13699.4 | 150.0 | -54.4 | -69.9 | 252.3 | 8.6 | 8.2 | 2.6 | 375.3 | 375.3 | 99.9 | 99.9 | 21.3 | 357 |
| 50.6 | 126.2 | 14865.2 | 125.0 | -55.2 | -69.9 | 257.4 | 10.2 | 10.0 | 2.2 | 395.1 | 395.1 | 99.9 | 99.9 | 21.6 | 3 |
| 55.4 | 133.7 | 16283.9 | 100.0 | -56.6 | -69.9 | 260.5 | 12.8 | 12.6 | 2.1 | 418.4 | 418.4 | 99.9 | 99.9 | 22.7 | 10 |
| 61.4 | 142.3 | 18115.4 | 75.0 | -55.2 | -69.9 | 274.8 | 9.7 | 9.6 | -0.8 | 457.2 | 457.2 | 99.9 | 99.9 | 24.3 | 21 |
| 69.0 | 152.0 | 20699.1 | 50.0 | -55.5 | -69.9 | 286.8 | 3.3 | 3.1 | -0.9 | 512.7 | 512.7 | 99.9 | 99.9 | 25.0 | 28 |
| 81.2 | 162.7 | 25170.4 | 25.0 | -51.7 | -69.9 | 74.9 | 4.5 | -4.4 | -1.2 | 636.3 | 636.3 | 99.9 | 99.9 | 24.4 | 26 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 ** BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 *** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
 **** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

STATION NO. 562
NORTH PLATTE, NEBRASKA

24 APRIL 1982
17:15 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 16.6 | 847.0 | 910.9 | 16.3 | 5.6 | 170.0 | 7.2 | -1.3 | 7.1 | 297.3 | 314.4 | 6.3 | 49.0 | 0.0 | 0 |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.4 | 17.7 | 948.7 | 900.0 | 13.6 | 3.3 | 159.9 | 8.8 | -3.0 | 8.3 | 295.5 | 310.3 | 5.4 | 49.7 | 0.2 | 349 |
| 1.1 | 20.2 | 1185.2 | 875.0 | 11.4 | 2.4 | 175.2 | 9.0 | -0.8 | 8.0 | 295.6 | 309.9 | 5.2 | 54.0 | 0.6 | 347 |
| 1.9 | 22.9 | 1428.6 | 850.0 | 9.2 | 2.1 | 179.6 | 8.7 | -0.1 | 8.7 | 295.8 | 310.2 | 5.2 | 60.8 | 0.9 | 354 |
| 2.7 | 25.6 | 1678.1 | 825.0 | 12.3 | -3.4 | 166.9 | 7.5 | -1.7 | 7.3 | 301.6 | 311.9 | 2.6 | 33.2 | 1.4 | 354 |
| 3.6 | 28.2 | 1933.2 | 800.0 | 10.7 | -1.3 | 155.8 | 6.5 | -2.6 | 5.9 | 302.8 | 315.0 | 4.3 | 43.0 | 1.7 | 352 |
| 4.6 | 31.0 | 2197.2 | 775.0 | 9.3 | -3.8 | 157.8 | 6.8 | -2.6 | 6.3 | 303.8 | 314.5 | 3.7 | 39.2 | 2.1 | 358 |
| 5.6 | 33.8 | 2468.3 | 750.0 | 7.3 | -5.5 | 144.8 | 6.0 | -3.4 | 4.9 | 304.5 | 314.5 | 3.4 | 39.6 | 2.5 | 356 |
| 6.7 | 36.6 | 2746.3 | 725.0 | 5.1 | -7.1 | 149.1 | 4.1 | -2.1 | 3.5 | 305.0 | 314.1 | 3.1 | 40.9 | 2.8 | 343 |
| 7.7 | 39.4 | 3031.6 | 700.0 | 2.8 | -9.8 | 162.1 | 5.8 | -1.8 | 5.5 | 306.1 | 313.7 | 2.6 | 43.2 | 3.5 | 343 |
| 8.7 | 42.2 | 3324.7 | 675.0 | 0.4 | -10.6 | 161.3 | 7.5 | -2.4 | 7.2 | 306.5 | 313.3 | 2.3 | 45.2 | 3.9 | 343 |
| 9.8 | 45.3 | 3626.0 | 650.0 | -2.2 | -12.5 | 157.6 | 7.8 | -3.0 | 6.8 | 306.9 | 313.6 | 2.3 | 51.2 | 4.5 | 342 |
| 10.9 | 48.1 | 3936.2 | 625.0 | -4.8 | -13.3 | 154.3 | 6.5 | -2.9 | 5.8 | 307.6 | 314.7 | 2.3 | 53.2 | 4.9 | 341 |
| 11.9 | 51.1 | 4255.8 | 600.0 | -7.3 | -13.1 | 153.0 | 5.9 | -3.3 | 4.9 | 308.3 | 315.2 | 2.3 | 57.9 | 5.7 | 339 |
| 13.1 | 54.2 | 4586.1 | 575.0 | -10.0 | -12.8 | 146.3 | 5.9 | -3.3 | 4.9 | 308.3 | 315.2 | 2.3 | 61.8 | 6.2 | 337 |
| 14.3 | 57.3 | 4927.5 | 550.0 | -12.7 | -15.2 | 141.7 | 5.3 | -5.7 | 6.0 | 310.8 | 315.5 | 1.2 | 61.7 | 6.8 | 335 |
| 15.5 | 60.4 | 5281.4 | 525.0 | -14.6 | -22.6 | 136.4 | 8.2 | -6.3 | 4.6 | 312.1 | 314.8 | 0.7 | 63.9 | 7.3 | 332 |
| 16.7 | 63.7 | 5649.2 | 500.0 | -17.2 | -29.3 | 119.4 | 7.8 | -6.8 | 3.8 | 312.9 | 314.8 | 0.5 | 73.2 | 8.4 | 327 |
| 18.1 | 67.0 | 6031.5 | 475.0 | -20.3 | -31.3 | 119.4 | 8.2 | -7.4 | 3.7 | 313.0 | 316.4 | 0.6 | 73.2 | 9.2 | 326 |
| 19.3 | 70.3 | 6429.3 | 450.0 | -24.0 | -33.1 | 116.8 | 8.2 | -7.4 | 4.6 | 314.1 | 318.3 | 0.7 | 73.2 | 10.1 | 326 |
| 20.7 | 73.7 | 6843.6 | 425.0 | -27.2 | -33.0 | 139.0 | 10.3 | -6.8 | 7.8 | 316.3 | 319.0 | 0.4 | 67.5 | 10.1 | 326 |
| 22.2 | 77.3 | 7277.9 | 400.0 | -29.8 | -33.0 | 139.0 | 9.5 | -5.4 | 7.8 | 317.6 | 319.0 | 0.3 | 61.0 | 11.0 | 326 |
| 23.6 | 80.9 | 7734.8 | 375.0 | -33.2 | -41.5 | 148.5 | 8.5 | -4.4 | 7.6 | 319.1 | 320.1 | 99.9 | 99.9 | 11.8 | 326 |
| 25.4 | 84.7 | 8216.5 | 350.0 | -36.8 | -41.5 | 148.5 | 8.5 | -4.4 | 7.6 | 321.1 | 320.1 | 99.9 | 99.9 | 12.9 | 327 |
| 27.1 | 88.5 | 8725.7 | 325.0 | -40.3 | -41.5 | 148.5 | 8.5 | -4.4 | 7.6 | 321.1 | 320.1 | 99.9 | 99.9 | 14.1 | 327 |
| 28.9 | 92.6 | 9266.6 | 300.0 | -44.8 | -41.5 | 148.5 | 10.6 | -4.8 | 9.4 | 322.2 | 323.8 | 99.9 | 99.9 | 15.8 | 327 |
| 30.8 | 96.8 | 9842.0 | 275.0 | -49.3 | -41.5 | 148.5 | 12.2 | -6.2 | 10.5 | 323.8 | 323.8 | 99.9 | 99.9 | 17.6 | 329 |
| 33.0 | 101.3 | 10461.0 | 250.0 | -53.3 | -41.5 | 148.5 | 12.8 | -5.8 | 11.4 | 326.3 | 323.8 | 99.9 | 99.9 | 18.7 | 330 |
| 35.4 | 106.0 | 11135.3 | 225.0 | -54.7 | -41.5 | 148.5 | 11.1 | -2.8 | 10.7 | 334.7 | 323.8 | 99.9 | 99.9 | 19.6 | 334 |
| 37.9 | 111.0 | 11883.3 | 200.0 | -57.0 | -41.5 | 148.5 | 8.4 | 0.1 | 8.4 | 342.5 | 323.8 | 99.9 | 99.9 | 20.2 | 335 |
| 40.7 | 116.6 | 12733.0 | 175.0 | -56.3 | -41.5 | 148.5 | 8.5 | 5.3 | 6.3 | 357.1 | 323.8 | 99.9 | 99.9 | 20.5 | 335 |
| 44.1 | 122.5 | 13716.6 | 150.0 | -54.3 | -41.5 | 148.5 | 11.9 | 7.5 | 4.5 | 365.7 | 323.8 | 99.9 | 99.9 | 20.7 | 335 |
| 48.0 | 128.2 | 14884.4 | 125.0 | -54.3 | -41.5 | 148.5 | 12.7 | 11.0 | 4.5 | 365.7 | 323.8 | 99.9 | 99.9 | 21.3 | 335 |
| 52.7 | 136.7 | 16315.2 | 100.0 | -55.1 | -41.5 | 148.5 | 8.9 | 12.6 | 1.4 | 421.4 | 323.8 | 99.9 | 99.9 | 21.3 | 335 |
| 58.5 | 145.7 | 18149.6 | 75.0 | -55.0 | -41.5 | 148.5 | 8.9 | 8.9 | 0.5 | 457.7 | 323.8 | 99.9 | 99.9 | 21.3 | 335 |
| 66.2 | 156.0 | 20739.6 | 50.0 | -53.9 | -41.5 | 148.5 | 3.3 | 3.1 | 1.0 | 516.5 | 323.8 | 99.9 | 99.9 | 21.3 | 335 |
| 77.9 | 167.0 | 25213.1 | 25.0 | -51.3 | -41.5 | 148.5 | 4.1 | -4.0 | -0.7 | 637.2 | 323.8 | 99.9 | 99.9 | 21.3 | 335 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

STATION NO. 562
NORTH PLATTE, NEBRASKA
24 APRIL 1982
2106 GMT

| TIME MIN | ONTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 15.8 | 847.0 | 909.9 | 19.5 | 5.9 | 170.0 | 7.7 | -1.3 | 7.6 | 300.7 | 318.5 | 6.4 | 41.0 | 0.0 | 0 |
| 0.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 0 |
| 9.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 0 |
| 9.9 | 99.9 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 0 |
| 9.9 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 0 |
| 0.3 | 18.7 | 940.6 | 900.0 | 17.0 | 3.4 | 160.6 | 8.7 | -2.9 | 8.2 | 298.0 | 314.1 | 5.4 | 40.4 | 0.2 | 357 |
| 1.1 | 19.3 | 1179.8 | 875.0 | 14.6 | 4.1 | 160.4 | 7.6 | -2.5 | 7.2 | 298.9 | 315.1 | 5.9 | 49.4 | 0.5 | 348 |
| 1.9 | 21.8 | 1423.9 | 850.0 | 12.2 | 3.6 | 164.3 | 6.8 | -1.8 | 6.5 | 298.7 | 315.0 | 5.8 | 55.6 | 0.8 | 345 |
| 2.9 | 24.4 | 1673.1 | 825.0 | 9.6 | 3.3 | 169.5 | 7.9 | -1.4 | 7.7 | 298.7 | 315.0 | 5.9 | 64.9 | 1.3 | 345 |
| 4.0 | 26.9 | 1927.7 | 800.0 | 7.3 | 2.8 | 157.1 | 6.7 | -2.6 | 6.2 | 298.9 | 315.1 | 5.9 | 73.1 | 1.8 | 348 |
| 4.9 | 29.5 | 2189.6 | 775.0 | 8.3 | -0.0 | 126.0 | 6.2 | -5.0 | 6.2 | 302.7 | 315.7 | 4.9 | 55.8 | 2.1 | 342 |
| 5.9 | 32.1 | 2459.8 | 750.0 | 6.9 | -2.7 | 119.4 | 5.0 | -4.3 | 2.4 | 304.1 | 316.1 | 4.2 | 50.2 | 2.1 | 342 |
| 7.1 | 34.8 | 2737.6 | 725.0 | 4.9 | -4.2 | 136.1 | 5.9 | -4.1 | 0.5 | 304.9 | 316.1 | 3.9 | 51.6 | 2.6 | 332 |
| 8.2 | 37.5 | 3022.8 | 700.0 | 2.5 | -7.2 | 144.2 | 8.0 | -4.7 | 0.5 | 305.3 | 314.6 | 3.2 | 48.5 | 2.6 | 332 |
| 9.3 | 40.2 | 3315.7 | 675.0 | 0.1 | -9.2 | 131.2 | 8.2 | -9.2 | 5.4 | 305.8 | 314.2 | 2.8 | 49.0 | 3.6 | 330 |
| 10.4 | 43.0 | 3616.6 | 650.0 | -2.6 | -10.8 | 125.7 | 7.9 | -5.4 | 4.6 | 306.1 | 313.7 | 2.6 | 53.0 | 4.1 | 327 |
| 11.6 | 45.8 | 3922.8 | 625.0 | -5.3 | -11.9 | 121.0 | 8.3 | -7.1 | 4.3 | 306.3 | 313.7 | 2.5 | 60.0 | 4.7 | 324 |
| 12.7 | 48.6 | 4245.5 | 600.0 | -8.2 | -12.2 | 113.8 | 8.3 | -7.6 | 3.4 | 306.6 | 314.1 | 2.3 | 72.7 | 5.7 | 318 |
| 14.1 | 51.5 | 4574.7 | 575.0 | -10.6 | -13.6 | 99.0 | 7.7 | -7.7 | 1.2 | 307.6 | 314.7 | 2.2 | 78.6 | 5.7 | 318 |
| 15.3 | 54.4 | 4915.4 | 550.0 | -13.1 | -15.1 | 83.1 | 6.7 | -6.6 | -0.8 | 308.6 | 315.1 | 2.2 | 85.0 | 6.1 | 314 |
| 16.6 | 57.5 | 5268.5 | 525.0 | -15.6 | -16.4 | 92.9 | 5.6 | -5.6 | 0.3 | 309.6 | 315.0 | 1.7 | 88.6 | 6.4 | 310 |
| 18.0 | 60.5 | 5635.1 | 500.0 | -18.1 | -18.4 | 108.4 | 4.5 | -4.3 | 1.4 | 311.0 | 315.3 | 1.2 | 73.8 | 6.8 | 309 |
| 19.5 | 63.8 | 6016.1 | 475.0 | -21.2 | -23.8 | 125.6 | 5.0 | -3.8 | 3.2 | 311.7 | 315.3 | 1.2 | 73.8 | 7.2 | 309 |
| 21.0 | 66.9 | 6413.3 | 450.0 | -23.7 | -30.1 | 139.1 | 6.0 | -3.9 | 4.5 | 313.4 | 315.8 | 0.7 | 55.9 | 8.2 | 310 |
| 22.6 | 70.1 | 6828.3 | 425.0 | -27.2 | -36.2 | 138.3 | 5.7 | -3.8 | 4.2 | 314.2 | 315.8 | 0.4 | 42.6 | 8.2 | 310 |
| 24.3 | 73.5 | 7262.3 | 400.0 | -30.7 | -45.2 | 118.4 | 3.9 | -3.4 | 1.9 | 315.1 | 315.7 | 0.2 | 38.8 | 8.8 | 310 |
| 26.1 | 77.0 | 7717.1 | 375.0 | -34.5 | -43.3 | 107.3 | 4.1 | -6.9 | 1.2 | 315.0 | 316.7 | 0.2 | 38.8 | 9.0 | 309 |
| 27.8 | 80.6 | 8197.0 | 350.0 | -37.2 | -50.8 | 125.0 | 7.8 | -6.4 | 4.5 | 318.5 | 318.9 | 0.1 | 22.6 | 9.7 | 309 |
| 29.8 | 84.3 | 8704.7 | 325.0 | -41.6 | -59.9 | 130.6 | 9.9 | -7.5 | 6.4 | 319.3 | 319.9 | 99.9 | 99.9 | 10.7 | 309 |
| 31.9 | 88.0 | 9241.5 | 300.0 | -46.4 | -69.9 | 131.2 | 10.0 | -7.6 | 6.6 | 320.0 | 319.9 | 99.9 | 99.9 | 12.0 | 309 |
| 34.1 | 92.2 | 9815.1 | 275.0 | -50.2 | -79.9 | 127.3 | 9.4 | -7.5 | 5.7 | 322.5 | 319.9 | 99.9 | 99.9 | 13.3 | 309 |
| 36.5 | 96.3 | 10430.8 | 250.0 | -54.8 | -89.9 | 136.0 | 10.6 | -7.4 | 7.6 | 324.5 | 319.9 | 99.9 | 99.9 | 14.7 | 309 |
| 39.1 | 100.8 | 11105.0 | 225.0 | -58.8 | -99.9 | 152.2 | 8.4 | -3.9 | 7.4 | 324.5 | 319.9 | 99.9 | 99.9 | 16.2 | 311 |
| 41.9 | 105.8 | 11852.9 | 200.0 | -57.3 | -99.9 | 192.0 | 7.0 | 1.5 | 6.8 | 342.1 | 319.9 | 99.9 | 99.9 | 17.2 | 311 |
| 44.9 | 110.8 | 12698.9 | 175.0 | -55.4 | -99.9 | 235.3 | 7.3 | 5.2 | 5.2 | 358.5 | 319.9 | 99.9 | 99.9 | 17.4 | 311 |
| 48.4 | 116.2 | 13688.5 | 150.0 | -53.4 | -99.9 | 252.6 | 11.2 | 10.7 | 5.2 | 378.8 | 319.9 | 99.9 | 99.9 | 17.0 | 324 |
| 52.8 | 122.5 | 14862.0 | 125.0 | -54.4 | -99.9 | 266.7 | 14.4 | 14.3 | 0.8 | 396.6 | 319.9 | 99.9 | 99.9 | 15.7 | 335 |
| 57.6 | 129.3 | 16282.6 | 100.0 | -56.0 | -99.9 | 289.0 | 11.4 | 11.4 | 0.2 | 419.6 | 319.9 | 99.9 | 99.9 | 14.2 | 349 |
| 63.2 | 137.3 | 18109.8 | 75.0 | -56.0 | -99.9 | 253.9 | 9.2 | 8.9 | 2.5 | 455.5 | 319.9 | 99.9 | 99.9 | 14.6 | 1 |
| 71.5 | 146.7 | 20690.4 | 50.0 | -54.9 | -99.9 | 274.6 | 4.3 | 4.3 | -0.3 | 514.3 | 319.9 | 99.9 | 99.9 | 15.9 | 13 |
| 85.1 | 157.5 | 25180.1 | 25.0 | -49.3 | -99.9 | 65.0 | 4.0 | -3.7 | -1.7 | 643.1 | 319.9 | 99.9 | 99.9 | 15.9 | 15 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 ** BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 *** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
 **** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 562
NORTH PLATTE, NEBRASKA

25 APRIL 1962
200 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 16.4 | 847.0 | 909.6 | 12.5 | 4.5 | 170.0 | 5.2 | -0.9 | 5.1 | 293.5 | 309.2 | 5.8 | 58.3 | 0.0 | 0.0 |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.5 | 17.5 | 936.7 | 900.0 | 14.7 | 2.7 | 169.2 | 5.2 | -1.7 | 9.1 | 296.7 | 311.0 | 5.2 | 44.3 | 0.2 | 346.0 |
| 1.3 | 20.1 | 1174.5 | 875.0 | 13.2 | 2.3 | 175.6 | 9.7 | -0.7 | 9.7 | 297.5 | 311.0 | 5.2 | 47.5 | 0.6 | 350.0 |
| 2.2 | 22.8 | 1417.6 | 850.0 | 11.3 | 2.1 | 182.8 | 9.5 | 0.5 | 9.5 | 298.0 | 312.6 | 5.3 | 53.1 | 1.1 | 354.0 |
| 3.1 | 25.6 | 1666.1 | 825.0 | 8.7 | 1.3 | 195.3 | 8.2 | 2.2 | 7.9 | 297.8 | 312.0 | 5.3 | 59.5 | 1.6 | 358.0 |
| 4.2 | 28.3 | 1920.0 | 800.0 | 6.7 | 0.9 | 210.5 | 8.3 | 4.2 | 7.1 | 298.3 | 313.3 | 5.1 | 66.4 | 2.1 | 5.0 |
| 5.2 | 31.0 | 2180.1 | 775.0 | 4.9 | 0.4 | 213.2 | 4.5 | -0.5 | 4.4 | 299.1 | 313.3 | 5.1 | 72.4 | 2.4 | 9.0 |
| 6.3 | 33.9 | 2448.2 | 750.0 | 3.5 | -6.8 | 105.8 | 3.3 | -3.2 | 0.9 | 302.7 | 311.7 | 3.1 | 40.2 | 2.6 | 5.0 |
| 7.3 | 36.7 | 2724.6 | 725.0 | 3.5 | -11.7 | 103.9 | 4.9 | -4.7 | 1.2 | 303.3 | 309.8 | 2.2 | 31.9 | 2.6 | 5.0 |
| 8.4 | 39.5 | 3008.1 | 700.0 | 1.0 | -8.5 | 78.6 | 6.5 | -6.4 | -1.2 | 303.6 | 312.0 | 2.2 | 48.9 | 2.6 | 351.0 |
| 9.4 | 42.4 | 3289.3 | 675.0 | -1.3 | -10.1 | 78.2 | 7.1 | -6.0 | -1.5 | 303.9 | 312.0 | 2.2 | 52.3 | 2.6 | 342.0 |
| 10.6 | 45.3 | 3569.6 | 650.0 | -4.2 | -10.4 | 65.1 | 8.1 | -7.3 | -3.4 | 304.2 | 312.1 | 2.7 | 62.0 | 2.6 | 330.0 |
| 11.9 | 48.3 | 3806.5 | 625.0 | -6.8 | -12.7 | 56.2 | 8.8 | -7.3 | -4.9 | 304.7 | 311.6 | 2.3 | 62.4 | 2.7 | 316.0 |
| 13.1 | 51.3 | 4224.0 | 600.0 | -9.2 | -14.8 | 49.6 | 9.6 | -7.3 | -6.2 | 305.5 | 311.6 | 2.0 | 63.4 | 2.9 | 303.0 |
| 14.3 | 54.4 | 4591.7 | 575.0 | -12.0 | -22.7 | 47.7 | 10.8 | -8.0 | -7.2 | 305.9 | 309.3 | 1.1 | 40.7 | 3.1 | 289.0 |
| 15.6 | 57.5 | 4990.4 | 550.0 | -14.3 | -28.2 | 51.4 | 9.7 | -7.6 | -6.1 | 307.1 | 309.3 | 0.7 | 29.6 | 3.6 | 278.0 |
| 16.8 | 60.6 | 5241.4 | 525.0 | -16.9 | -24.5 | 50.2 | 7.6 | -5.9 | -4.9 | 308.4 | 311.3 | 1.0 | 51.9 | 4.1 | 271.0 |
| 18.3 | 63.9 | 5625.5 | 500.0 | -20.2 | -22.3 | 52.4 | 7.0 | -5.5 | -4.2 | 308.4 | 312.4 | 1.3 | 83.2 | 4.5 | 267.0 |
| 19.6 | 67.1 | 5984.3 | 475.0 | -22.4 | -26.0 | 38.7 | 7.5 | -4.7 | -5.9 | 310.2 | 313.3 | 1.0 | 77.1 | 5.0 | 262.0 |
| 21.1 | 70.5 | 6379.4 | 450.0 | -25.2 | -28.1 | 36.3 | 6.5 | -3.9 | -5.3 | 311.5 | 314.3 | 0.8 | 77.1 | 5.5 | 257.0 |
| 22.6 | 73.9 | 6792.0 | 425.0 | -27.9 | -32.7 | 43.2 | 8.4 | -5.7 | -6.1 | 313.2 | 315.1 | 0.6 | 63.5 | 6.0 | 254.0 |
| 24.4 | 77.5 | 7224.3 | 400.0 | -31.6 | -34.3 | 45.0 | 10.2 | -7.2 | -7.2 | 315.9 | 317.2 | 0.5 | 76.9 | 6.9 | 250.0 |
| 26.2 | 81.2 | 7678.2 | 375.0 | -34.5 | -38.1 | 53.7 | 9.2 | -8.0 | -5.9 | 315.9 | 316.8 | 0.4 | 69.4 | 8.0 | 247.0 |
| 28.1 | 85.0 | 8155.7 | 350.0 | -39.1 | -45.2 | 64.8 | 9.5 | -8.8 | -3.9 | 316.1 | 316.8 | 0.2 | 51.9 | 9.0 | 246.0 |
| 30.2 | 89.0 | 8659.7 | 325.0 | -42.6 | -49.9 | 66.8 | 9.5 | -8.8 | -3.8 | 317.9 | 319.9 | 99.9 | 99.9 | 11.3 | 246.0 |
| 32.1 | 93.0 | 9194.3 | 300.0 | -47.5 | -55.3 | 76.4 | 8.4 | -9.2 | -2.2 | 318.4 | 319.9 | 99.9 | 99.9 | 12.5 | 248.0 |
| 34.6 | 97.3 | 9763.7 | 275.0 | -52.3 | -59.9 | 80.8 | 8.4 | -8.2 | -2.2 | 318.6 | 319.9 | 99.9 | 99.9 | 13.8 | 249.0 |
| 37.2 | 101.8 | 10374.4 | 250.0 | -55.9 | -64.3 | 74.3 | 7.8 | -7.5 | -2.1 | 323.0 | 319.9 | 99.9 | 99.9 | 14.9 | 249.0 |
| 39.9 | 106.4 | 11051.8 | 225.0 | -57.8 | -69.9 | 107.3 | 6.1 | -5.8 | 1.8 | 330.0 | 319.9 | 99.9 | 99.9 | 15.3 | 249.0 |
| 42.8 | 111.5 | 11786.2 | 200.0 | -58.3 | -74.3 | 153.8 | 3.7 | -1.6 | 3.3 | 340.5 | 319.9 | 99.9 | 99.9 | 15.3 | 252.0 |
| 46.2 | 117.0 | 12633.6 | 175.0 | -54.8 | -79.9 | 220.6 | 6.2 | 4.1 | 4.7 | 359.4 | 319.9 | 99.9 | 99.9 | 15.0 | 255.0 |
| 50.2 | 123.0 | 13619.3 | 150.0 | -54.2 | -84.3 | 268.6 | 8.9 | 8.9 | 0.2 | 376.7 | 319.9 | 99.9 | 99.9 | 13.3 | 253.0 |
| 54.8 | 129.5 | 14791.4 | 125.0 | -54.3 | -89.9 | 280.0 | 11.3 | 11.1 | -2.0 | 396.7 | 319.9 | 99.9 | 99.9 | 10.5 | 249.0 |
| 60.0 | 136.7 | 16212.1 | 100.0 | -57.8 | -94.3 | 273.8 | 8.9 | 8.8 | -0.6 | 416.1 | 319.9 | 99.9 | 99.9 | 8.5 | 235.0 |
| 66.6 | 145.3 | 18016.7 | 75.0 | -58.5 | -99.9 | 258.6 | 13.2 | 12.9 | 2.6 | 449.5 | 319.9 | 99.9 | 99.9 | 4.5 | 218.0 |
| 75.5 | 155.0 | 20572.9 | 50.0 | -58.5 | -99.9 | 267.6 | 8.3 | 8.3 | 0.4 | 505.6 | 319.9 | 99.9 | 99.9 | 4.5 | 141.0 |
| 87.2 | 165.3 | 24978.8 | 25.0 | -55.1 | -99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 626.8 | 319.9 | 99.9 | 99.9 | 6.5 | 136.0 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

** BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

*** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

*** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE 13
OF POOR QUALITY

STATION NO. 562
NORTH PLATTE, NEBRASKA
25 APRIL 1982
500 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POI T DG K | E POI T DG K | M _X RIO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------------------|-----------|-------------|----------|
| 0.0 | 18.0 | 847.0 | 912.0 | 10.8 | 5.8 | 160.0 | 2.6 | -0.9 | 2.4 | 291.5 | 308.4 | 6.3 | 71.0 | 0.0 | 0. |
| 99.9 | 99.9 | 1000.0 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.4 | 17.2 | 957.3 | 900.0 | 11.7 | 4.6 | 188.6 | 11.4 | 1.7 | 11.3 | 293.6 | 309.8 | 5.9 | 61.8 | 0.2 | 1. |
| 1.1 | 19.8 | 1193.3 | 875.0 | 10.6 | 5.1 | 196.3 | 11.8 | 3.2 | 11.1 | 294.8 | 311.8 | 6.3 | 69.0 | 0.6 | 8. |
| 2.1 | 22.4 | 1434.7 | 850.0 | 9.6 | 4.3 | 211.8 | 8.9 | 4.7 | 7.6 | 296.2 | 312.9 | 6.2 | 69.6 | 1.2 | 15. |
| 2.9 | 25.1 | 1682.2 | 825.0 | 8.4 | 3.3 | 234.7 | 7.0 | 5.7 | 4.0 | 297.5 | 313.7 | 5.2 | 70.0 | 1.8 | 21. |
| 3.7 | 27.9 | 1936.3 | 800.0 | 7.1 | 1.4 | 285.1 | 6.5 | 6.5 | 0.8 | 298.7 | 313.4 | 5.3 | 67.0 | 1.8 | 30. |
| 4.7 | 30.4 | 2196.9 | 775.0 | 5.3 | 0.2 | 284.1 | 7.8 | 7.6 | -1.9 | 299.5 | 313.5 | 5.0 | 69.5 | 2.0 | 39. |
| 5.6 | 33.1 | 2464.1 | 750.0 | 3.5 | 0.8 | 314.5 | 9.0 | 6.4 | -6.3 | 300.3 | 315.5 | 5.4 | 82.7 | 2.2 | 52. |
| 6.7 | 35.9 | 2738.4 | 725.0 | 2.1 | 99.9 | 353.3 | 6.2 | 0.7 | -6.2 | 301.8 | 315.5 | 99.9 | 99.9 | 2.2 | 55. |
| 7.8 | 38.7 | 3021.2 | 700.0 | 1.5 | -7.7 | 50.2 | 5.2 | -4.0 | -3.4 | 304.1 | 313.1 | 3.1 | 50.4 | 1.9 | 71. |
| 9.0 | 41.6 | 3312.9 | 675.0 | -1.0 | -9.2 | 58.5 | 6.0 | -5.6 | -2.2 | 304.6 | 312.9 | 2.8 | 53.7 | 1.5 | 77. |
| 10.0 | 44.4 | 3613.0 | 650.0 | -3.3 | -10.6 | 65.3 | 6.7 | -6.1 | -2.8 | 305.3 | 313.0 | 2.5 | 56.7 | 1.1 | 74. |
| 11.1 | 47.4 | 3921.7 | 625.0 | -6.3 | -11.6 | 85.3 | 7.3 | -6.6 | -3.1 | 305.3 | 312.8 | 2.5 | 55.9 | 0.6 | 82. |
| 12.3 | 50.3 | 4239.6 | 600.0 | -9.1 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 305.6 | 312.8 | 99.9 | 99.9 | 99.9 | 99.9 |
| 13.5 | 53.3 | 4587.1 | 575.0 | -11.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 306.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 14.8 | 56.4 | 4905.5 | 550.0 | -14.4 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 307.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 16.1 | 59.5 | 99.9 | 525.0 | 99.9** | 99.9** | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 17.4 | 62.6 | 99.9 | 500.0 | 99.9** | 99.9** | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 18.7 | 65.3 | 99.9 | 475.0 | 99.9** | 99.9** | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 20.1 | 68.3 | 99.9 | 450.0 | 99.9** | 99.9** | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 21.5 | 72.7 | 99.9 | 425.0 | 99.9** | 99.9** | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 23.1 | 76.1 | 99.9 | 400.0 | 99.9** | 99.9** | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 24.6 | 79.7 | 99.9 | 375.0 | 99.9** | 99.9** | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 26.6 | 83.5 | 99.9 | 350.0 | 99.9** | 99.9** | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 28.6 | 87.3 | 99.9 | 325.0 | 99.9** | 99.9** | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 30.7 | 91.4 | 99.9 | 300.0 | 99.9** | 99.9** | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 32.9 | 95.7 | 99.9 | 275.0 | 99.9** | 99.9** | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 35.3 | 100.0 | 99.9 | 250.0 | 99.9** | 99.9** | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 38.0 | 104.8 | 99.9 | 225.0 | 99.9** | 99.9** | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 40.9 | 109.8 | 99.9 | 200.0 | 99.9** | 99.9** | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 43.9 | 115.2 | 99.9 | 175.0 | 99.9** | 99.9** | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 47.9 | 121.2 | 99.9 | 150.0 | 99.9** | 99.9** | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 52.6 | 128.0 | 99.9 | 125.0 | 99.9** | 99.9** | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 57.5 | 135.3 | 99.9 | 100.0 | 99.9** | 99.9** | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 64.1 | 144.3 | 99.9 | 75.0 | 99.9** | 99.9** | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 72.4 | 154.5 | 99.9 | 50.0 | 99.9** | 99.9** | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 85.8 | 165.0 | 99.9 | 25.0 | 99.9** | 99.9** | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

APPENDIX II

AVE/VAS IV Rawinsonde Data
with Abnormal Characteristics
Presented at 25-mb Intervals

ORIGINAL PAGE 19
OF POOR QUALITY

STATION NO. 4
THROCKMORTON, TEXAS
24 APRIL 1982
1140 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 9.8 | 404.8 | 969.7 | 10.7 | 8.3 | 0.0 | 0.0 | 0.0 | 0.0 | 286.4 | 304.7 | 7.1 | 85.0 | 0.0 | 0. |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 1.3 | 11.7 | 576.5 | 950.0 | 11.2 | 7.1 | 186.4 | 10.2 | 1.1 | 10.1 | 288.6 | 306.0 | 6.7 | 75.6 | 0.9 | 360. |
| 2.1 | 14.1 | 799.3 | 925.0 | 10.4 | 6.8 | 199.4 | 10.8 | 3.8 | 10.2 | 290.0 | 307.7 | 6.7 | 78.3 | 0.9 | 15. |
| 3.0 | 16.6 | 1027.1 | 900.0 | 9.3 | 5.3 | 214.7 | 9.7 | 5.5 | 8.0 | 291.1 | 307.7 | 6.2 | 78.4 | 1.5 | 21. |
| 3.8 | 19.1 | 1260.7 | 875.0 | 8.7 | 7.2 | 225.6 | 9.7 | 8.7 | 8.6 | 292.8 | 312.1 | 7.3 | 90.2 | 1.9 | 26. |
| 4.3 | 21.5 | 1500.8 | 850.0 | 7.5 | 7.2 | 234.5 | 12.2 | 8.7 | 8.0 | 294.1 | 314.1 | 7.5 | 97.3 | 2.3 | 34. |
| 5.2 | 24.1 | 1746.4 | 825.0 | 6.7 | 6.1 | 231.2 | 12.6 | 11.2 | 7.9 | 295.7 | 315.1 | 7.2 | 98.1 | 2.9 | 35. |
| 6.1 | 26.6 | 1999.5 | 800.0 | 6.4 | 5.6 | 216.2 | 11.1 | 9.8 | 9.0 | 298.0 | 317.5 | 7.2 | 94.7 | 3.6 | 35. |
| 7.0 | 29.2 | 2260.5 | 775.0 | 6.0 | 5.1 | 209.2 | 11.3 | 5.5 | 9.9 | 300.3 | 319.8 | 7.1 | 93.8 | 4.1 | 35. |
| 8.0 | 31.6 | 2529.1 | 750.0 | 4.5 | 3.6 | 211.9 | 13.1 | 6.9 | 11.1 | 301.5 | 319.8 | 6.6 | 93.5 | 4.8 | 34. |
| 8.8 | 34.4 | 2805.4 | 725.0 | 3.1 | 2.1 | 222.9 | 12.2 | 8.3 | 11.1 | 302.9 | 320.2 | 6.2 | 93.2 | 5.5 | 34. |
| 9.8 | 37.0 | 3088.8 | 700.0 | 0.6 | -0.3 | 238.3 | 9.5 | 8.1 | 10.1 | 303.2 | 318.3 | 5.4 | 94.0 | 6.1 | 38. |
| 10.6 | 39.8 | 3380.2 | 675.0 | -2.0 | -2.5 | 254.9 | 9.7 | 9.3 | 2.5 | 303.4 | 315.5 | 4.7 | 98.0 | 6.5 | 38. |
| 11.7 | 42.4 | 3679.9 | 650.0 | -3.5 | -6.8 | 260.6 | 13.5 | 13.4 | 2.2 | 305.0 | 315.5 | 3.6 | 10.7 | 7.0 | 42. |
| 12.5 | 45.3 | 3988.6 | 625.0 | -4.9 | -8.7 | 268.0 | 14.3 | 14.3 | 0.5 | 306.8 | 308.3 | 0.4 | 10.7 | 7.5 | 45. |
| 13.6 | 48.1 | 4308.2 | 600.0 | -6.7 | -13.6 | 265.0 | 15.6 | 15.5 | 1.4 | 308.3 | 308.3 | 0.2 | 5.9 | 8.2 | 50. |
| 14.7 | 51.0 | 4638.6 | 575.0 | -9.4 | -14.1 | 254.8 | 18.1 | 18.4 | 7.0 | 309.0 | 316.0 | 2.3 | 71.4 | 9.2 | 52. |
| 15.8 | 53.9 | 4981.5 | 550.0 | -12.1 | -14.1 | 248.8 | 19.3 | 18.0 | 7.0 | 309.7 | 316.8 | 2.3 | 84.8 | 10.4 | 53. |
| 17.0 | 56.9 | 5335.8 | 525.0 | -14.6 | -18.7 | 237.7 | 21.9 | 18.0 | 11.7 | 310.9 | 316.1 | 1.7 | 70.8 | 11.8 | 57. |
| 18.2 | 60.0 | 5704.5 | 500.0 | -15.9 | -18.7 | 226.8 | 24.6 | 17.9 | 16.8 | 313.7 | 319.2 | 1.7 | 78.9 | 13.6 | 56. |
| 19.6 | 63.1 | 6090.4 | 475.0 | -17.7 | -34.3 | 219.5 | 26.6 | 16.3 | 19.7 | 316.1 | 317.6 | 0.5 | 72.7 | 15.6 | 54. |
| 21.1 | 66.4 | 6494.0 | 450.0 | -19.8 | -48.7 | 215.1 | 28.1 | 16.1 | 22.9 | 318.3 | 318.8 | 0.1 | 71.1 | 18.0 | 52. |
| 22.6 | 69.6 | 6915.1 | 425.0 | -23.8 | -44.5 | 216.6 | 28.1 | 16.8 | 22.5 | 318.7 | 315.3 | 0.2 | 12.5 | 20.3 | 50. |
| 24.0 | 73.0 | 7354.1 | 400.0 | -28.1 | -48.6 | 216.0 | 28.3 | 17.2 | 22.4 | 318.4 | 318.9 | 0.1 | 11.9 | 22.8 | 48. |
| 25.5 | 76.5 | 7814.3 | 375.0 | -31.0 | -55.9 | 216.0 | 28.6 | 18.0 | 22.7 | 320.6 | 320.8 | 0.0 | 6.6 | 25.4 | 47. |
| 27.2 | 80.1 | 8299.7 | 350.0 | -34.9 | -60.2 | 218.9 | 28.2 | 18.9 | 22.5 | 321.8 | 321.9 | 0.0 | 5.5 | 28.3 | 46. |
| 28.9 | 83.9 | 8812.7 | 325.0 | -38.5 | -69.9 | 221.5 | 28.1 | 18.0 | 18.1 | 323.6 | 321.9 | 0.0 | 99.9 | 31.0 | 45. |
| 30.8 | 87.7 | 9337.9 | 300.0 | -43.3 | 99.9 | 228.6 | 24.1 | 16.0 | 18.1 | 324.4 | 321.9 | 99.9 | 99.9 | 33.6 | 45. |
| 32.9 | 91.8 | 9937.9 | 275.0 | -47.5 | 99.9 | 235.0 | 22.0 | 18.0 | 16.0 | 326.5 | 321.9 | 99.9 | 99.9 | 36.6 | 46. |
| 35.3 | 96.2 | 10562.7 | 250.0 | -51.5 | 99.9 | 240.8 | 21.5 | 18.0 | 10.5 | 329.5 | 321.9 | 99.9 | 99.9 | 39.4 | 47. |
| 37.6 | 100.8 | 11241.7 | 225.0 | -53.7 | 99.9 | 237.2 | 25.9 | 21.8 | 14.1 | 336.3 | 321.9 | 99.9 | 99.9 | 42.7 | 48. |
| 40.2 | 105.8 | 11999.1 | 200.0 | -53.9 | 99.9 | 233.0 | 28.3 | 26.3 | 13.0 | 347.4 | 321.9 | 99.9 | 99.9 | 46.6 | 49. |
| 43.4 | 111.7 | 12855.6 | 175.0 | -53.7 | 99.9 | 231.0 | 33.8 | 30.1 | 15.3 | 351.3 | 321.9 | 99.9 | 99.9 | 52.9 | 50. |
| 46.6 | 116.7 | 13843.1 | 150.0 | -55.1 | 99.9 | 231.1 | 38.5 | 27.5 | 9.6 | 375.1 | 321.9 | 99.9 | 99.9 | 58.9 | 52. |
| 50.6 | 123.3 | 15007.7 | 125.0 | -56.1 | 99.9 | 246.3 | 28.5 | 23.3 | 11.6 | 393.4 | 321.9 | 99.9 | 99.9 | 65.1 | 54. |
| 55.4 | 130.7 | 16412.7 | 100.0 | -60.4 | 99.9 | 256.1 | 25.4 | 24.6 | 6.1 | 411.1 | 321.9 | 99.9 | 99.9 | 74.6 | 56. |
| 61.1 | 139.3 | 18198.0 | 75.0 | -62.8 | 99.9 | 194.3 | 4.6 | 1.1 | 4.5 | 441.3 | 321.9 | 99.9 | 99.9 | 77.2 | 56. |
| 68.8 | 149.5 | 20707.1 | 50.0 | -59.7 | 99.9 | 192.5 | 9.0 | 2.0 | 8.8 | 502.9 | 321.9 | 99.9 | 99.9 | 78.3 | 57. |
| 80.6 | 160.5 | 25131.6 | 25.0 | -52.6 | 99.9 | 135.7 | 9.7 | -5.8 | 6.9 | 633.8 | 321.9 | 99.9 | 99.9 | 72.0 | 57. |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

** BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 5
DENTON, TEXAS
24 APRIL 1982
2015 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO CM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 7.6 | 193.2 | 991.5 | 12.7 | 10.6 | 90.0 | 5.0 | -5.0 | 0.0 | 286.6 | 307.4 | 8.1 | 87.0 | 0.0 | 0 |
| 99.9 | 99.9 | 333.8 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 289.9 | 309.9 | 99.9 | 999.9 | 99.9 | 999 |
| 0.6 | 9.2 | 333.8 | 975.0 | 10.7 | 9.5 | 151.0 | 10.0 | -4.9 | 8.3 | 285.9 | 305.6 | 7.7 | 99.9 | 0.3 | 336 |
| 1.6 | 11.5 | 550.0 | 950.0 | 8.7 | 9.3 | 162.3 | 8.0 | -2.5 | 7.6 | 286.0 | 304.8 | 7.3 | 97.6 | 0.8 | 336 |
| 2.6 | 13.9 | 770.0 | 925.0 | 7.4 | 7.0 | 165.3 | 9.7 | -2.5 | 9.4 | 286.8 | 304.8 | 6.8 | 98.0 | 1.3 | 339 |
| 3.4 | 16.3 | 996.5 | 900.0 | 7.4 | 7.1 | 187.9 | 10.6 | 1.5 | 10.5 | 289.1 | 307.6 | 7.1 | 98.0 | 1.8 | 343 |
| 4.3 | 18.7 | 1229.8 | 875.0 | 8.7 | 8.0 | 210.0 | 11.8 | 5.9 | 10.2 | 292.9 | 313.3 | 7.7 | 95.2 | 2.3 | 352 |
| 5.2 | 21.1 | 1470.2 | 850.0 | 8.7 | 7.8 | 213.0 | 15.0 | 8.2 | 12.6 | 295.5 | 316.2 | 7.8 | 94.0 | 2.8 | 352 |
| 6.1 | 23.6 | 1717.4 | 825.0 | 7.5 | 6.8 | 212.2 | 15.4 | 8.2 | 13.0 | 296.3 | 316.2 | 7.5 | 95.4 | 3.6 | 352 |
| 7.1 | 26.1 | 1970.8 | 800.0 | 6.0 | 5.3 | 213.2 | 14.2 | 7.8 | 11.9 | 297.6 | 316.7 | 7.0 | 95.3 | 4.4 | 13 |
| 8.1 | 28.6 | 2231.0 | 775.0 | 5.0 | 3.6 | 214.3 | 13.1 | 7.4 | 10.8 | 299.2 | 316.9 | 6.4 | 95.3 | 5.2 | 16 |
| 9.1 | 31.1 | 2498.2 | 750.0 | 3.5 | 1.7 | 219.1 | 12.3 | 7.8 | 9.6 | 300.4 | 316.9 | 5.8 | 90.4 | 5.9 | 19 |
| 10.2 | 33.7 | 2773.6 | 725.0 | 2.5 | -1.0 | 232.1 | 12.6 | 10.0 | 7.8 | 302.6 | 316.6 | 4.9 | 88.0 | 6.6 | 22 |
| 11.2 | 36.3 | 3057.5 | 700.0 | 1.7 | -5.4 | 238.0 | 13.6 | 11.5 | 7.2 | 304.5 | 315.2 | 3.7 | 75.5 | 7.3 | 26 |
| 12.3 | 39.0 | 3349.7 | 675.0 | -0.2 | -15.1 | 236.5 | 13.8 | 11.1 | 7.6 | 305.4 | 310.8 | 1.8 | 59.1 | 8.1 | 29 |
| 13.4 | 41.7 | 3650.8 | 650.0 | -2.4 | -15.7 | 242.0 | 12.6 | 11.1 | 5.9 | 306.3 | 310.8 | 1.7 | 55.7 | 8.9 | 32 |
| 14.7 | 44.4 | 3960.7 | 625.0 | -5.1 | -12.5 | 248.0 | 13.7 | 12.7 | 5.1 | 306.6 | 313.7 | 2.3 | 55.7 | 9.7 | 35 |
| 15.8 | 47.2 | 4279.7 | 600.0 | -8.3 | -13.0 | 248.5 | 15.2 | 14.1 | 5.6 | 306.6 | 313.7 | 2.4 | 69.1 | 10.5 | 38 |
| 17.1 | 50.0 | 4608.4 | 575.0 | -11.3 | -14.1 | 246.1 | 18.3 | 16.8 | 7.4 | 306.8 | 313.5 | 2.2 | 79.9 | 11.6 | 41 |
| 18.5 | 52.9 | 4948.8 | 550.0 | -13.1 | -17.9 | 242.3 | 19.7 | 17.4 | 9.2 | 308.8 | 313.8 | 1.7 | 87.2 | 13.2 | 44 |
| 19.9 | 55.9 | 5302.1 | 525.0 | -15.1 | -30.3 | 236.6 | 18.8 | 17.4 | 10.4 | 310.3 | 312.2 | 0.6 | 87.2 | 13.2 | 44 |
| 21.3 | 58.8 | 5669.9 | 500.0 | -17.1 | -28.7 | 233.0 | 20.3 | 16.2 | 10.4 | 312.2 | 312.2 | 0.7 | 85.5 | 14.8 | 46 |
| 22.8 | 61.9 | 6052.0 | 475.0 | -20.4 | -34.8 | 233.9 | 20.9 | 18.9 | 12.2 | 312.2 | 314.1 | 0.4 | 85.5 | 16.4 | 46 |
| 24.3 | 65.1 | 6450.3 | 450.0 | -22.9 | -38.4 | 236.1 | 23.6 | 19.6 | 13.2 | 314.4 | 315.5 | 0.3 | 82.9 | 18.2 | 47 |
| 25.7 | 68.4 | 6867.3 | 425.0 | -25.6 | -40.6 | 235.7 | 25.3 | 20.9 | 14.3 | 316.2 | 317.1 | 0.3 | 82.9 | 20.1 | 48 |
| 27.2 | 71.7 | 7304.0 | 400.0 | -28.9 | -43.2 | 235.3 | 27.1 | 22.3 | 15.4 | 317.5 | 318.2 | 0.2 | 82.9 | 22.4 | 49 |
| 28.8 | 75.3 | 7762.7 | 375.0 | -32.1 | -45.9 | 233.1 | 29.3 | 23.4 | 17.6 | 319.1 | 319.7 | 0.2 | 82.9 | 24.4 | 49 |
| 30.6 | 78.9 | 8246.2 | 350.0 | -35.7 | -48.9 | 233.3 | 29.9 | 24.0 | 17.9 | 319.1 | 321.1 | 0.1 | 82.9 | 27.2 | 50 |
| 32.5 | 82.7 | 8757.1 | 325.0 | -39.7 | -51.9 | 233.3 | 29.9 | 24.0 | 17.9 | 320.6 | 321.1 | 0.1 | 82.9 | 30.5 | 50 |
| 34.2 | 86.5 | 9298.1 | 300.0 | -44.4 | -54.9 | 234.8 | 29.8 | 24.4 | 18.2 | 322.0 | 322.0 | 99.9 | 999.9 | 33.8 | 50 |
| 36.0 | 90.7 | 9876.4 | 275.0 | -48.7 | -57.9 | 231.9 | 29.4 | 23.1 | 18.1 | 322.8 | 322.8 | 99.9 | 999.9 | 36.9 | 51 |
| 38.3 | 95.0 | 10498.8 | 250.0 | -51.2 | -59.9 | 232.6 | 27.6 | 22.0 | 16.8 | 324.8 | 324.8 | 99.9 | 999.9 | 40.0 | 51 |
| 40.6 | 99.6 | 11180.7 | 225.0 | -53.4 | -61.9 | 244.6 | 31.1 | 28.1 | 13.4 | 330.0 | 330.0 | 99.9 | 999.9 | 43.7 | 51 |
| 43.0 | 104.4 | 11935.6 | 200.0 | -55.0 | -63.9 | 246.1 | 36.0 | 32.9 | 14.5 | 336.7 | 336.7 | 99.9 | 999.9 | 48.3 | 53 |
| 46.1 | 109.8 | 12787.9 | 175.0 | -55.9 | -65.9 | 246.8 | 33.2 | 30.5 | 13.1 | 345.7 | 345.7 | 99.9 | 999.9 | 53.5 | 54 |
| 49.3 | 115.7 | 13771.2 | 150.0 | -56.8 | -67.9 | 244.9 | 29.4 | 26.6 | 12.5 | 357.5 | 357.5 | 99.9 | 999.9 | 58.7 | 55 |
| 52.8 | 122.7 | 14828.8 | 125.0 | -56.8 | -67.9 | 246.3 | 28.0 | 25.6 | 11.3 | 375.5 | 375.5 | 99.9 | 999.9 | 64.2 | 56 |
| 57.1 | 129.3 | 16330.3 | 100.0 | -61.0 | -69.9 | 246.4 | 26.1 | 23.9 | 10.4 | 392.1 | 392.1 | 99.9 | 999.9 | 69.8 | 57 |
| 62.6 | 138.3 | 18104.9 | 75.0 | -62.8 | -71.9 | 244.8 | 20.4 | 18.4 | 8.7 | 410.0 | 410.0 | 99.9 | 999.9 | 75.7 | 58 |
| 69.5 | 148.0 | 20593.7 | 50.0 | -60.4 | -69.9 | 261.5 | 9.5 | 9.4 | 5.4 | 441.2 | 441.2 | 99.9 | 999.9 | 80.1 | 58 |
| 80.7 | 158.7 | 25000.7 | 25.0 | -62.5 | -69.9 | 186.0 | 5.4 | 0.6 | 6.2 | 501.3 | 501.3 | 99.9 | 999.9 | 82.5 | 58 |
| | | | | | | 204.6 | 6.9 | 2.9 | | 634.0 | 634.0 | 99.9 | 999.9 | 80.5 | 58 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
 ** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE 13
OF POOR QUALITY

STATION NO. 6
ABILENE, TEXAS
24 APRIL 1982
2300 GMT

| TIME MIN | ONTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO CM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 11.6 | 531.9 | 949.5 | 17.9 | 11.2 | 220.0 | 9.1 | 5.8 | 7.0 | 295.4 | 319.0 | 8.9 | 65.0 | 0.0 | 0.0 |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.4 | 13.8 | 755.0 | 925.0 | 16.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 296.5 | 322.3 | 9.7 | 83.8 | 99.9 | 99.9 |
| 1.9 | 16.3 | 987.7 | 900.0 | 14.5 | 11.8 | 99.9 | 99.9 | 99.9 | 99.9 | 296.5 | 322.3 | 9.7 | 83.8 | 99.9 | 99.9 |
| 1.9 | 18.7 | 1225.6 | 875.0 | 13.1 | 8.2 | 99.9 | 99.9 | 99.9 | 99.9 | 297.4 | 316.3 | 7.0 | 64.6 | 1.1 | 12.0 |
| 2.7 | 21.1 | 1470.1 | 850.0 | 14.5 | -5.8 | 99.9 | 9.2 | 7.6 | 5.1 | 301.3 | 309.8 | 2.9 | 24.1 | 1.4 | 25.0 |
| 3.7 | 23.6 | 1721.5 | 825.0 | 12.9 | -2.1 | 233.1 | 10.2 | 8.2 | 4.6 | 302.2 | 315.6 | 4.0 | 42.7 | 1.9 | 33.0 |
| 4.5 | 26.1 | 1979.0 | 800.0 | 10.8 | -1.8 | 242.0 | 9.8 | 8.6 | 4.3 | 302.7 | 315.6 | 4.0 | 42.7 | 2.4 | 37.0 |
| 5.6 | 28.6 | 2242.8 | 775.0 | 9.1 | -15.7 | 249.5 | 12.3 | 11.5 | 4.3 | 303.6 | 308.1 | 1.5 | 15.6 | 3.0 | 44.0 |
| 6.6 | 31.1 | 2513.0 | 750.0 | 7.0 | -21.3 | 247.5 | 13.7 | 12.7 | 5.3 | 304.2 | 308.1 | 0.9 | 11.3 | 3.8 | 49.0 |
| 7.8 | 33.7 | 2791.3 | 725.0 | 6.7 | -29.1 | 254.9 | 13.4 | 13.0 | 3.5 | 306.8 | 307.2 | 0.5 | 5.6 | 4.7 | 53.0 |
| 8.8 | 36.3 | 3078.1 | 700.0 | 4.7 | -26.9 | 255.8 | 13.8 | 13.4 | 3.4 | 307.7 | 309.8 | 0.5 | 7.9 | 5.5 | 57.0 |
| 9.8 | 39.0 | 3372.9 | 675.0 | 2.4 | -30.2 | 251.8 | 14.4 | 13.6 | 4.5 | 308.3 | 310.8 | 0.5 | 6.8 | 6.2 | 59.0 |
| 10.8 | 41.7 | 3676.4 | 650.0 | 0.3 | -31.7 | 255.3 | 14.3 | 13.8 | 3.6 | 309.4 | 311.6 | 0.4 | 6.8 | 7.1 | 61.0 |
| 12.0 | 44.4 | 3989.6 | 625.0 | -0.8 | -33.3 | 257.8 | 17.5 | 17.1 | 3.7 | 310.4 | 313.9 | 0.4 | 6.8 | 8.1 | 63.0 |
| 13.1 | 47.2 | 4313.0 | 600.0 | -3.2 | -31.5 | 258.6 | 19.0 | 18.7 | 3.8 | 312.4 | 313.9 | 0.5 | 7.0 | 9.3 | 65.0 |
| 14.2 | 50.1 | 4647.4 | 575.0 | -5.8 | -38.1 | 260.7 | 20.7 | 20.4 | 3.3 | 313.2 | 314.7 | 0.3 | 7.0 | 10.7 | 67.0 |
| 15.4 | 53.0 | 4993.2 | 550.0 | -8.0 | -34.5 | 261.0 | 21.4 | 21.1 | 3.3 | 313.5 | 314.7 | 0.4 | 10.4 | 12.1 | 69.0 |
| 15.7 | 56.0 | 5351.2 | 525.0 | -12.0 | -37.6 | 261.4 | 22.0 | 21.5 | 4.8 | 314.0 | 315.0 | 0.3 | 9.7 | 13.8 | 70.0 |
| 17.0 | 59.0 | 5722.0 | 500.0 | -15.3 | -39.2 | 257.5 | 19.9 | 19.4 | 4.3 | 314.3 | 315.0 | 0.2 | 10.8 | 15.5 | 71.0 |
| 18.0 | 62.1 | 6107.7 | 475.0 | -17.7 | -44.1 | 261.7 | 19.9 | 19.7 | 2.9 | 316.0 | 316.5 | 0.2 | 7.7 | 17.0 | 72.0 |
| 19.3 | 65.4 | 6509.2 | 450.0 | -21.2 | -46.9 | 260.0 | 21.4 | 21.2 | 3.1 | 316.5 | 317.0 | 0.1 | 7.7 | 18.7 | 73.0 |
| 20.8 | 68.6 | 6929.0 | 425.0 | -23.7 | -50.1 | 260.0 | 25.9 | 25.5 | 4.2 | 318.7 | 320.9 | 0.1 | 6.7 | 20.9 | 74.0 |
| 22.3 | 72.0 | 7308.6 | 400.0 | -26.5 | -51.1 | 262.3 | 32.2 | 32.0 | 4.2 | 320.6 | 322.7 | 0.1 | 7.6 | 23.7 | 75.0 |
| 24.0 | 75.6 | 7832.0 | 375.0 | -29.6 | -52.6 | 263.9 | 32.2 | 32.0 | 3.4 | 322.5 | 324.7 | 0.1 | 8.5 | 27.0 | 75.0 |
| 25.8 | 79.1 | 8321.1 | 350.0 | -32.8 | -55.0 | 262.7 | 35.9 | 35.6 | 4.5 | 324.4 | 326.2 | 0.1 | 8.8 | 30.5 | 76.0 |
| 27.5 | 82.9 | 8838.7 | 325.0 | -36.8 | -57.5 | 260.2 | 35.1 | 34.6 | 6.0 | 326.0 | 328.2 | 0.0 | 9.4 | 34.2 | 77.0 |
| 29.2 | 86.8 | 9389.0 | 300.0 | -40.0 | -59.6 | 260.6 | 37.1 | 37.1 | 6.2 | 329.1 | 329.2 | 0.0 | 10.1 | 38.1 | 77.0 |
| 31.0 | 90.9 | 9879.5 | 275.0 | -43.2 | -59.9 | 261.8 | 40.9 | 40.4 | 5.8 | 332.6 | 332.6 | 99.9 | 99.9 | 42.8 | 78.0 |
| 33.0 | 95.2 | 10617.7 | 250.0 | -48.0 | -59.9 | 259.5 | 38.5 | 37.7 | 7.0 | 337.7 | 337.7 | 99.9 | 99.9 | 53.6 | 78.0 |
| 35.3 | 99.8 | 11315.9 | 225.0 | -48.5 | -59.9 | 259.1 | 38.5 | 35.9 | 6.9 | 341.1 | 341.1 | 99.9 | 99.9 | 59.5 | 78.0 |
| 40.4 | 104.8 | 12953.6 | 200.0 | -51.2 | -59.9 | 260.0 | 38.0 | 37.4 | 6.6 | 351.6 | 351.6 | 99.9 | 99.9 | 66.2 | 78.0 |
| 43.6 | 110.2 | 13958.0 | 175.0 | -50.6 | -59.9 | 252.8 | 34.3 | 32.7 | 10.1 | 366.4 | 366.4 | 99.9 | 99.9 | 99.9 | 99.9 |
| 46.8 | 116.0 | 14958.0 | 150.0 | -52.3 | -59.9 | 99.9 | 99.9 | 99.9 | 99.9 | 380.0 | 380.0 | 99.9 | 99.9 | 99.9 | 99.9 |
| 50.6 | 122.5 | 15131.2 | 125.0 | -54.2 | -59.9 | 99.9 | 99.9 | 99.9 | 99.9 | 396.8 | 396.8 | 99.9 | 99.9 | 99.9 | 99.9 |
| 55.7 | 130.0 | 16557.7 | 100.0 | -56.1 | -59.9 | 99.9 | 99.9 | 99.9 | 99.9 | 419.4 | 419.4 | 99.9 | 99.9 | 99.9 | 99.9 |
| 61.7 | 138.3 | 18374.9 | 75.0 | -58.6 | -59.9 | 99.9 | 6.7 | 6.7 | -0.2 | 450.0 | 450.0 | 99.9 | 99.9 | 91.3 | 77.0 |
| 70.0 | 148.0 | 20920.7 | 50.0 | -58.1 | -59.9 | 272.0 | 5.1 | 5.1 | -4.9 | 511.4 | 511.4 | 99.9 | 99.9 | 99.9 | 99.9 |
| 82.7 | 158.0 | 25412.2 | 25.0 | -47.2 | -59.9 | 99.9 | 99.9 | 99.9 | 99.9 | 648.9 | 648.9 | 99.9 | 99.9 | 89.3 | 76.0 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
 ** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

STATION NO. 12
COLLEGE STATION, TEXAS
24 APRIL 1982
1102 GMT

| TIME MIN | ONTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 5.9 | 79.0 | 1010.8 | 11.4 | 9.3 | 999.9 | 99.9 | 99.9 | 99.9 | 283.7 | 302.3 | 7.3 | 87.0 | 999.9 | 999.9 |
| 0.4 | 6.9 | 168.7 | 1000.0 | 10.7* | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 283.7 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 1.1 | 9.3 | 379.4 | 975.0 | 10.3 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 285.5 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 1.9 | 11.7 | 594.9 | 950.0 | 9.1* | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 286.5 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 2.7 | 14.1 | 814.6 | 925.0 | 7.4* | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 288.0 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 3.5 | 16.5 | 1039.4 | 900.0 | 6.3* | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 288.0 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 4.4 | 19.0 | 1269.7 | 875.0 | 5.8* | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 288.0 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 5.3 | 21.5 | 1507.0 | 850.0 | 6.5 | 6.1 | 999.9 | 99.9 | 99.9 | 99.9 | 288.0 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 6.4 | 24.1 | 1753.3 | 825.0 | 6.8 | 6.5 | 999.9 | 99.9 | 99.9 | 99.9 | 288.0 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 7.4 | 26.6 | 2008.5 | 800.0 | 5.8 | 4.2 | 999.9 | 99.9 | 99.9 | 99.9 | 288.0 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 8.4 | 29.0 | 2266.2 | 775.0 | 4.5 | 2.7 | 999.9 | 99.9 | 99.9 | 99.9 | 301.0 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 9.4 | 31.7 | 2533.6 | 750.0 | 3.1 | 1.0 | 999.9 | 99.9 | 99.9 | 99.9 | 302.7 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 10.5 | 34.3 | 2808.1 | 725.0 | 1.4 | -0.4 | 999.9 | 99.9 | 99.9 | 99.9 | 304.7 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 11.5 | 37.0 | 3090.7 | 700.0 | 0.2 | -1.4 | 999.9 | 99.9 | 99.9 | 99.9 | 307.2 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 12.5 | 39.7 | 3382.3 | 675.0 | -0.9 | -2.1 | 999.9 | 99.9 | 99.9 | 99.9 | 308.2 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 13.4 | 42.3 | 3683.8 | 650.0 | -1.6 | -3.7 | 999.9 | 99.9 | 99.9 | 99.9 | 308.7 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 14.4 | 45.1 | 3995.9 | 625.0 | -3.7 | -7.0 | 999.9 | 99.9 | 99.9 | 99.9 | 311.0 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 15.8 | 48.0 | 4317.3 | 600.0 | -6.4 | -8.3 | 999.9 | 99.9 | 99.9 | 99.9 | 313.0 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 17.1 | 50.9 | 4649.8 | 575.0 | -7.7 | -10.1 | 999.9 | 99.9 | 99.9 | 99.9 | 314.5 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 18.3 | 53.9 | 4995.0 | 550.0 | -9.3 | -12.9 | 999.9 | 99.9 | 99.9 | 99.9 | 315.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 19.8 | 56.9 | 5353.3 | 525.0 | -11.6 | -14.1 | 999.9 | 99.9 | 99.9 | 99.9 | 317.2 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 21.2 | 60.0 | 5725.7 | 500.0 | -14.1 | -15.2 | 999.9 | 99.9 | 99.9 | 99.9 | 317.2 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 22.7 | 63.1 | 6113.6 | 475.0 | -16.8 | -18.6 | 999.9 | 99.9 | 99.9 | 99.9 | 318.6 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 24.2 | 66.4 | 6517.8 | 450.0 | -19.6 | -22.1 | 999.9 | 99.9 | 99.9 | 99.9 | 319.7 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 25.7 | 69.8 | 6939.9 | 425.0 | -22.9 | -26.0 | 999.9 | 99.9 | 99.9 | 99.9 | 321.1 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 27.2 | 73.3 | 7381.9 | 400.0 | -26.1 | -29.9 | 999.9 | 99.9 | 99.9 | 99.9 | 322.2 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 29.1 | 76.7 | 7845.8 | 375.0 | -29.8 | -32.9 | 999.9 | 99.9 | 99.9 | 99.9 | 322.7 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 30.6 | 80.4 | 8333.3 | 350.0 | -34.1 | -38.8 | 999.9 | 99.9 | 99.9 | 99.9 | 323.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 32.4 | 84.3 | 8847.6 | 325.0 | -38.3 | -43.8 | 999.9 | 99.9 | 99.9 | 99.9 | 324.0 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 34.5 | 88.3 | 9392.1 | 300.0 | -43.6 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 324.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 36.8 | 92.5 | 9970.8 | 275.0 | -48.5* | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 39.9 | 99.9 | 99.9 | 250.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 42.9 | 99.9 | 99.9 | 225.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 45.9 | 99.9 | 99.9 | 200.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 48.9 | 99.9 | 99.9 | 175.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 51.9 | 99.9 | 99.9 | 150.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 54.9 | 99.9 | 99.9 | 125.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 57.9 | 99.9 | 99.9 | 100.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 60.9 | 99.9 | 99.9 | 75.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 63.9 | 99.9 | 99.9 | 50.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 66.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 ** BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 *** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
 **** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE 13
OF POOR QUALITY

9
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* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 * BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
 * BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 4
THROCKMORTON, TEXAS
25 APRIL 1982
502 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO CM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 10.2 | 404.8 | 962.5 | 13.2 | 11.1 | 180.0 | 2.1 | 0.0 | 2.1 | 289.5 | 312.0 | 8.7 | 97.0 | 0.0 | 0 |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999 |
| 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999 |
| 0.3 | 11.4 | 514.8 | 975.0 | 12.3 | 99.9 | 181.4 | 5.1 | 0.1 | 5.1 | 289.6 | 312.0 | 99.9 | 99.9 | 0.3 | 342 |
| 1.1 | 13.9 | 737.5 | 925.0 | 11.0* | 99.9 | 183.2 | 7.0 | 0.4 | 7.0 | 290.4 | 312.0 | 99.9 | 99.9 | 0.5 | 350 |
| 1.9 | 16.4 | 968.9 | 900.0 | 12.5 | 9.9 | 194.8 | 8.1 | 2.1 | 7.9 | 294.4 | 312.0 | 8.6 | 95.0 | 0.9 | 358 |
| 2.8 | 18.9 | 1204.4 | 875.0 | 13.4 | 5.9 | 210.4 | 8.5 | 4.3 | 7.3 | 298.1 | 316.4 | 6.7 | 59.0 | 1.3 | 6 |
| 3.6 | 21.4 | 1448.7 | 850.0 | 13.4 | -0.3 | 224.0 | 7.2 | 5.0 | 5.1 | 300.2 | 313.3 | 4.7 | 41.5 | 1.7 | 14 |
| 4.4 | 24.0 | 1699.3 | 825.0 | 12.8 | -24.8 | 237.5 | 6.9 | 5.8 | 3.7 | 302.2 | 304.1 | 0.6 | 5.5 | 1.9 | 19 |
| 5.3 | 26.6 | 1856.7 | 800.0 | 11.3 | -25.3 | 241.9 | 9.7 | 8.5 | 4.5 | 303.3 | 305.2 | 0.8 | 8.2 | 2.7 | 27 |
| 6.2 | 29.2 | 2220.3 | 775.0 | 8.9 | -23.3 | 251.2 | 10.2 | 9.6 | 3.3 | 303.6 | 305.8 | 0.9 | 11.7 | 3.0 | 34 |
| 7.0 | 31.9 | 2490.1 | 750.0 | 6.5 | -21.2 | 254.7 | 8.6 | 8.3 | 2.3 | 303.6 | 307.4 | 1.2 | 17.3 | 3.3 | 43 |
| 7.7 | 34.6 | 2766.6 | 725.0 | 3.8 | -18.4 | 260.0 | 8.1 | 8.8 | 0.4 | 303.8 | 311.0 | 2.4 | 40.4 | 3.7 | 48 |
| 8.6 | 37.3 | 3050.3 | 700.0 | 1.2 | -10.8 | 267.4 | 9.5 | 9.5 | -0.3 | 304.1 | 312.5 | 2.9 | 56.5 | 4.0 | 52 |
| 9.4 | 40.1 | 3341.5 | 675.0 | -1.4 | -8.9 | 271.8 | 11.4 | 11.4 | -0.3 | 304.4 | 313.6 | 3.1 | 71.7 | 4.6 | 58 |
| 10.6 | 42.9 | 3641.1 | 650.0 | -4.0 | -8.4 | 272.4 | 11.4 | 10.2 | -0.3 | 304.8 | 312.8 | 2.7 | 73.6 | 5.2 | 62 |
| 11.5 | 45.8 | 3949.1 | 625.0 | -6.7 | -10.6 | 271.9 | 10.2 | 10.2 | -0.3 | 305.7 | 309.5 | 1.2 | 36.9 | 5.7 | 65 |
| 12.7 | 48.8 | 4266.6 | 600.0 | -9.0 | -21.4 | 280.6 | 7.4 | 7.2 | -1.4 | 307.6 | 307.9 | 0.1 | 2.9 | 6.1 | 68 |
| 13.9 | 51.7 | 4595.2 | 575.0 | -10.6 | -47.7 | 276.6 | 8.8 | 8.8 | -1.0 | 308.7 | 309.2 | 0.1 | 5.4 | 6.5 | 71 |
| 14.9 | 54.6 | 4935.5 | 550.0 | -13.0 | -44.6 | 275.6 | 7.9 | 7.9 | -0.8 | 309.7 | 309.9 | 0.1 | 2.4 | 6.6 | 72 |
| 16.2 | 57.7 | 5284.4 | 525.0 | -15.6 | -52.8 | 260.6 | 9.3 | 9.2 | 1.5 | 310.1 | 310.3 | 0.1 | 2.9 | 7.2 | 73 |
| 17.4 | 60.9 | 5654.2 | 500.0 | -18.8 | -53.4 | 253.9 | 8.0 | 7.6 | 2.2 | 310.3 | 310.5 | 0.0 | 3.3 | 7.9 | 73 |
| 18.7 | 64.0 | 6033.5 | 475.0 | -22.3 | -54.9 | 250.6 | 7.4 | 6.9 | 2.5 | 310.7 | 310.9 | 0.0 | 3.5 | 8.4 | 72 |
| 20.1 | 67.4 | 6428.0 | 450.0 | -25.9 | -57.2 | 260.6 | 7.2 | 7.1 | 1.2 | 311.7 | 311.9 | 0.1 | 6.6 | 9.7 | 73 |
| 21.6 | 70.7 | 6839.5 | 425.0 | -29.2 | -54.5 | 266.3 | 7.1 | 7.1 | 0.5 | 312.5 | 312.7 | 0.0 | 4.9 | 10.3 | 74 |
| 23.2 | 74.1 | 7269.5 | 400.0 | -32.7 | -59.4 | 266.6 | 6.6 | 6.4 | 1.5 | 312.5 | 312.7 | 0.0 | 11.2 | 10.8 | 74 |
| 24.7 | 77.7 | 7720.7 | 375.0 | -36.3 | -56.1 | 271.1 | 5.9 | 5.9 | -0.1 | 313.6 | 313.8 | 0.1 | 99.9 | 11.4 | 75 |
| 26.3 | 81.5 | 8195.2 | 350.0 | -39.9 | -59.9 | 258.0 | 9.2 | 9.0 | 1.9 | 313.6 | 313.8 | 99.9 | 99.9 | 12.9 | 75 |
| 28.1 | 85.3 | 8700.2 | 325.0 | -41.6 | 99.9 | 257.2 | 14.8 | 14.4 | 3.3 | 313.6 | 313.8 | 99.9 | 99.9 | 99.9 | 999 |
| 30.1 | 89.3 | 9239.2 | 300.0 | -45.3 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 321.6 | 313.8 | 99.9 | 99.9 | 99.9 | 999 |
| 32.0 | 93.3 | 9815.6 | 275.0 | -49.1 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 324.2 | 313.8 | 99.9 | 99.9 | 99.9 | 999 |
| 33.9 | 97.8 | 10437.7 | 250.0 | -51.3 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 329.8 | 313.8 | 99.9 | 99.9 | 99.9 | 999 |
| 36.1 | 102.2 | 11117.8 | 225.0 | -53.1** | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 337.2 | 313.8 | 99.9 | 99.9 | 99.9 | 999 |
| 38.5 | 107.0 | 11878.5 | 200.0 | -51.5** | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 351.2 | 313.8 | 99.9 | 99.9 | 99.9 | 999 |
| 41.1 | 112.2 | 12748.1 | 175.0 | -52.2 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 363.8 | 313.8 | 99.9 | 99.9 | 99.9 | 999 |
| 44.2 | 117.8 | 13741.8 | 150.0 | -54.4 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 376.4 | 313.8 | 99.9 | 99.9 | 99.9 | 999 |
| 47.4 | 124.0 | 14896.9 | 125.0 | -57.4** | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 391.0 | 313.8 | 99.9 | 99.9 | 99.9 | 999 |
| 51.6 | 130.7 | 16305.2 | 100.0 | -58.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 413.9 | 313.8 | 99.9 | 99.9 | 99.9 | 999 |
| 55.9 | 138.5 | 18076.5 | 75.0 | -63.6 | 99.9 | 198.2 | 7.9 | 2.5 | 7.5 | 439.6 | 313.8 | 99.9 | 99.9 | 78.0 | 75 |
| 62.2 | 147.3 | 20564.8 | 50.0 | -62.1 | 99.9 | 109.4 | 6.4 | -6.0 | 2.1 | 497.2 | 313.8 | 99.9 | 99.9 | 77.6 | 75 |
| 73.2 | 157.0 | 24941.2 | 25.0 | -54.1 | 99.9 | 32.0 | 1.6 | -0.9 | -1.4 | 629.1 | 313.8 | 99.9 | 99.9 | 74.0 | 74 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 ** BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 *** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
 **** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE 13
OF POOR QUALITY

| STATION NO. 9 HEWITT, TEXAS | | | | | | | | | | | | | | 158 12- 0 | |
|--------------------------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 24 APRIL 1982 1713 GMT | | | | | | | | | | | | | | | |
| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE NM | AZ DG |
| 0.0 | 7.0 | 184.1 | 997.7 | 12.7 | 8.3 | 160.0 | 1.0 | -0.3 | 0.9 | 286.0 | 304.2 | 7.1 | 76.0 | 0.0 | 0. |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 92.9 | 99.9 | 99.9 | 99.9 | 99.9 | 286.0 | 304.2 | 99.9 | 99.9 | 999.9 | 999.9 |
| 0.9 | 9.0 | 592.3 | 975.0 | 11.5** | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 286.8 | 309.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 1.6 | 11.3 | 576.6 | 950.0 | 10.6** | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 288.0 | 313.7 | 99.9 | 999.9 | 999.9 | 999.9 |
| 2.4 | 13.6 | 814.1 | 925.0 | 9.6** | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 289.2 | 313.7 | 99.9 | 999.9 | 0.7 | 346. |
| 3.2 | 16.0 | 1042.1 | 900.0 | 10.0 | 9.6 | 233.4 | 5.0 | 4.0 | 3.0 | 291.8 | 313.7 | 8.4 | 97.1 | 0.9 | 6. |
| 4.3 | 18.4 | 1276.6 | 875.0 | 9.0 | 8.6 | 227.9 | 4.1 | 3.0 | 2.7 | 293.2 | 314.5 | 8.1 | 96.9 | 1.1 | 17 |
| 5.3 | 20.6 | 1516.9 | 850.0 | 7.9 | 7.4 | 217.9 | 3.6 | 2.2 | 2.8 | 294.5 | 314.9 | 7.7 | 96.8 | 1.3 | 21 |
| 6.4 | 23.2 | 1783.2 | 825.0 | 6.6 | 6.0 | 219.9 | 3.0 | 1.9 | 2.3 | 295.6 | 315.5 | 7.2 | 96.2 | 1.5 | 23 |
| 7.4 | 25.7 | 2015.8 | 800.0 | 5.5 | 4.9 | 244.4 | 2.1 | 1.9 | 2.0 | 297.0 | 315.8 | 6.8 | 96.0 | 1.6 | 25 |
| 8.5 | 28.1 | 2275.3 | 775.0 | 4.1 | 3.5 | 237.3 | 3.6 | 3.0 | 2.0 | 298.3 | 315.8 | 6.4 | 95.7 | 1.7 | 28 |
| 9.6 | 30.7 | 2542.4 | 750.0 | 3.3 | 2.6 | 243.6 | 7.7 | 10.4 | 3.5 | 300.2 | 317.3 | 6.2 | 95.3 | 2.1 | 34 |
| 10.7 | 33.2 | 2817.2 | 725.0 | 1.8 | 1.1 | 242.4 | 11.7 | 12.1 | 5.4 | 301.5 | 317.3 | 5.7 | 94.9 | 2.6 | 41 |
| 11.6 | 35.8 | 3099.8 | 700.0 | 0.3 | -0.5 | 242.4 | 13.6 | 12.1 | 6.3 | 302.8 | 317.7 | 5.3 | 94.5 | 3.3 | 45 |
| 12.7 | 38.4 | 3391.7 | 675.0 | -0.6 | -1.5 | 249.7 | 14.2 | 13.3 | 4.9 | 305.0 | 319.6 | 5.1 | 93.9 | 4.2 | 49 |
| 13.8 | 40.9 | 3692.9 | 650.0 | -2.1 | -3.0 | 256.0 | 14.6 | 14.2 | 3.5 | 306.6 | 320.2 | 4.7 | 93.9 | 5.0 | 54 |
| 15.1 | 43.7 | 4003.9 | 625.0 | -4.0 | -4.9 | 257.9 | 15.1 | 14.8 | 3.2 | 307.8 | 320.2 | 4.2 | 93.5 | 6.2 | 58 |
| 16.6 | 46.4 | 4325.8 | 600.0 | -5.3 | -6.3 | 255.5 | 15.8 | 15.3 | 3.9 | 310.0 | 321.8 | 4.0 | 92.5 | 7.5 | 62 |
| 18.0 | 49.2 | 4659.5 | 575.0 | -6.9 | -8.1 | 244.8 | 16.4 | 14.8 | 7.0 | 311.9 | 322.8 | 3.6 | 91.0 | 8.8 | 63 |
| 19.3 | 52.1 | 5005.0 | 550.0 | -9.5 | -11.1 | 234.7 | 17.5 | 14.3 | 10.1 | 312.9 | 321.9 | 3.0 | 87.7 | 10.2 | 61 |
| 20.6 | 55.0 | 5363.0 | 525.0 | -12.1 | -15.4 | 229.3 | 18.4 | 14.0 | 12.0 | 313.9 | 320.7 | 2.2 | 82.3 | 11.5 | 61 |
| 22.1 | 58.0 | 5734.8 | 500.0 | -14.5 | -18.8 | 226.0 | 19.2 | 13.8 | 13.4 | 315.4 | 321.8 | 2.0 | 76.5 | 13.1 | 60 |
| 23.6 | 61.1 | 6120.9 | 475.0 | -16.3 | -20.2 | 221.0 | 20.9 | 13.7 | 15.8 | 315.3 | 318.4 | 0.9 | 49.9 | 14.8 | 58 |
| 25.3 | 64.4 | 6521.1 | 450.0 | -18.3 | -22.3 | 213.5 | 22.9 | 15.0 | 16.6 | 315.2 | 318.4 | 0.2 | 49.9 | 17.0 | 58 |
| 26.8 | 67.6 | 6938.9 | 425.0 | -20.6 | -24.4 | 206.0 | 24.8 | 16.7 | 18.0 | 317.4 | 318.1 | 0.2 | 49.9 | 19.0 | 55 |
| 28.3 | 70.9 | 7377.3 | 400.0 | -23.0 | -26.8 | 198.0 | 26.8 | 18.0 | 19.0 | 319.9 | 319.2 | 0.1 | 49.9 | 21.0 | 55 |
| 29.8 | 74.4 | 7837.7 | 375.0 | -25.1 | -29.1 | 189.0 | 28.8 | 20.0 | 20.0 | 321.4 | 320.3 | 0.1 | 49.9 | 23.0 | 55 |
| 31.3 | 78.0 | 8322.2 | 350.0 | -27.1 | -31.5 | 180.0 | 30.9 | 21.8 | 21.8 | 323.3 | 323.6 | 0.1 | 49.9 | 25.0 | 55 |
| 32.9 | 81.7 | 8835.5 | 325.0 | -29.1 | -33.7 | 171.0 | 32.9 | 23.8 | 23.8 | 325.7 | 325.7 | 0.1 | 49.9 | 27.0 | 56 |
| 34.7 | 85.7 | 9381.4 | 300.0 | -31.7 | -35.9 | 162.0 | 35.4 | 25.9 | 25.9 | 327.0 | 327.0 | 0.1 | 49.9 | 29.0 | 56 |
| 36.6 | 89.7 | 9968.1 | 275.0 | -34.4 | -38.7 | 153.0 | 38.2 | 28.0 | 28.0 | 328.6 | 328.6 | 0.1 | 49.9 | 31.0 | 56 |
| 38.9 | 94.0 | 10301.5 | 250.0 | -37.4 | -41.4 | 144.0 | 40.9 | 30.1 | 30.1 | 330.6 | 330.6 | 0.1 | 49.9 | 33.0 | 56 |
| 41.3 | 98.6 | 11291.5 | 225.0 | -40.6 | -44.6 | 135.0 | 43.7 | 32.2 | 32.2 | 332.7 | 332.7 | 0.1 | 49.9 | 35.0 | 56 |
| 43.8 | 103.4 | 12046.2 | 200.0 | -43.8 | -47.4 | 126.0 | 46.5 | 34.7 | 34.7 | 334.8 | 334.8 | 0.1 | 49.9 | 37.0 | 56 |
| 46.6 | 108.8 | 12889.2 | 175.0 | -46.1 | -50.6 | 117.0 | 49.3 | 37.1 | 37.1 | 336.8 | 336.8 | 0.1 | 49.9 | 39.0 | 56 |
| 49.8 | 114.6 | 13863.3 | 150.0 | -48.7 | -53.1 | 108.0 | 52.0 | 39.6 | 39.6 | 338.8 | 338.8 | 0.1 | 49.9 | 41.0 | 61 |
| 53.6 | 121.0 | 15022.5 | 125.0 | -51.0 | -56.0 | 99.0 | 54.7 | 42.1 | 42.1 | 340.8 | 340.8 | 0.1 | 49.9 | 43.0 | 61 |
| 58.1 | 128.5 | 16420.6 | 100.0 | -54.0 | -59.0 | 90.0 | 57.0 | 44.6 | 44.6 | 342.8 | 342.8 | 0.1 | 49.9 | 45.0 | 65 |
| 63.7 | 137.0 | 18189.4 | 75.0 | -57.0 | -61.1 | 81.0 | 59.9 | 47.1 | 47.1 | 344.8 | 344.8 | 0.1 | 49.9 | 47.0 | 66 |
| 71.4 | 147.0 | 20689.4 | 50.0 | -60.6 | -64.7 | 72.0 | 62.9 | 49.6 | 49.6 | 346.8 | 346.8 | 0.1 | 49.9 | 49.0 | 67 |
| 83.5 | 157.7 | 25120.7 | 25.0 | -62.3 | -68.5 | 63.0 | 65.9 | 52.1 | 52.1 | 348.8 | 348.8 | 0.1 | 49.9 | 51.0 | 67 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
 ** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

STATION NO. 11
BURNET, TEXAS

24 APRIL 1982
1120 GMT

155 15 0

| TIME MIN | CNTOT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTQ GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 9.2 | 386.5 | 973.6 | 9.6 | 9.3 | 100.0 | 0.9 | -0.9 | 0.2 | 284.9 | 304.3 | 7.6 | 98.9 | 0.0 | 0.0 |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 1.0 | 11.4 | 589.5 | 950.0 | 7.8** | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 285.1 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 1.9 | 13.8 | 808.9 | 925.0 | 7.5** | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 287.0 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 2.9 | 16.2 | 1034.9 | 900.0 | 7.3** | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 289.0 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 3.9 | 18.7 | 1265.3 | 875.0 | 7.0** | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 291.1 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 4.9 | 21.1 | 1503.1 | 850.0 | 6.8** | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 293.2 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 5.9 | 23.6 | 1747.8 | 825.0 | 6.5** | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 295.5 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 6.9 | 26.1 | 1999.7 | 800.0 | 6.2** | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 297.8 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 8.0 | 28.7 | 2259.9 | 775.0 | 5.9 | 5.0 | 999.9 | 99.9 | 99.9 | 99.9 | 300.2 | 319.7 | 7.1 | 93.7 | 99.9 | 99.9 |
| 9.0 | 31.2 | 2528.9 | 750.0 | 5.5 | 4.5 | 999.9 | 99.9 | 99.9 | 99.9 | 302.6 | 322.3 | 7.1 | 93.2 | 99.9 | 99.9 |
| 10.1 | 33.8 | 2805.9 | 725.0 | 4.0 | 2.9 | 999.9 | 99.9 | 99.9 | 99.9 | 303.9 | 322.2 | 6.5 | 92.4 | 99.9 | 99.9 |
| 11.1 | 36.5 | 3090.9 | 700.0 | 2.2 | 0.6 | 999.9 | 99.9 | 99.9 | 99.9 | 304.9 | 321.1 | 5.7 | 92.4 | 99.9 | 99.9 |
| 11.9 | 39.2 | 3384.3 | 675.0 | 1.0 | -2.8 | 999.9 | 99.9 | 99.9 | 99.9 | 306.8 | 320.2 | 4.6 | 75.7 | 99.9 | 99.9 |
| 12.9 | 41.9 | 3687.2 | 650.0 | -0.4 | -2.9 | 999.9 | 99.9 | 99.9 | 99.9 | 308.5 | 321.4 | 4.4 | 77.2 | 99.9 | 99.9 |
| 13.0 | 44.7 | 4000.0 | 625.0 | -2.7 | -5.3 | 999.9 | 99.9 | 99.9 | 99.9 | 309.4 | 321.6 | 4.1 | 82.4 | 99.9 | 99.9 |
| 14.6 | 47.5 | 4323.3 | 600.0 | -4.4 | -6.7 | 999.9 | 99.9 | 99.9 | 99.9 | 311.0 | 322.0 | 3.9 | 84.2 | 99.9 | 99.9 |
| 16.3 | 50.4 | 4658.0 | 575.0 | -6.4 | -8.7 | 999.9 | 99.9 | 99.9 | 99.9 | 312.5 | 323.0 | 3.5 | 83.6 | 99.9 | 99.9 |
| 17.7 | 53.3 | 5004.2 | 550.0 | -8.3* | -9.9 | 999.9 | 99.9 | 99.9 | 99.9 | 314.3 | 323.0 | 3.5 | 83.6 | 99.9 | 99.9 |
| 19.4 | 56.4 | 5363.7 | 525.0 | -10.4* | -10.4 | 999.9 | 99.9 | 99.9 | 99.9 | 315.9 | 324.9 | 3.5 | 83.6 | 99.9 | 99.9 |
| 21.0 | 59.4 | 5738.0 | 500.0 | -12.6 | -15.5 | 999.9 | 99.9 | 99.9 | 99.9 | 317.7 | 324.9 | 2.3 | 78.5 | 99.9 | 99.9 |
| 22.5 | 62.5 | 6127.5 | 475.0 | -15.8 | -19.1 | 999.9 | 99.9 | 99.9 | 99.9 | 318.4 | 324.1 | 1.8 | 75.6 | 99.9 | 99.9 |
| 24.3 | 65.7 | 6532.9 | 450.0 | -18.0 | -22.6 | 999.9 | 99.9 | 99.9 | 99.9 | 319.3 | 323.8 | 1.4 | 72.9 | 99.9 | 99.9 |
| 26.1 | 69.0 | 6955.5 | 425.0 | -23.2 | -27.3 | 999.9 | 99.9 | 99.9 | 99.9 | 319.3 | 322.5 | 1.0 | 69.0 | 99.9 | 99.9 |
| 28.2 | 72.4 | 7396.5 | 400.0 | -26.7 | -31.7 | 999.9 | 99.9 | 99.9 | 99.9 | 320.2 | 322.5 | 0.7 | 62.3 | 99.9 | 99.9 |
| 30.5 | 75.9 | 7858.8 | 375.0 | -30.6 | -35.8 | 999.9 | 99.9 | 99.9 | 99.9 | 321.6 | 322.7 | 0.5 | 59.5 | 99.9 | 99.9 |
| 32.9 | 79.6 | 8344.8 | 350.0 | -38.4 | -41.2 | 999.9 | 99.9 | 99.9 | 99.9 | 321.6 | 322.7 | 0.3 | 52.8 | 99.9 | 99.9 |
| 34.9 | 83.3 | 8857.5 | 325.0 | -41.7 | -45.6 | 999.9 | 99.9 | 99.9 | 99.9 | 323.8 | 324.5 | 0.2 | 46.0 | 99.9 | 99.9 |
| 36.9 | 87.3 | 9404.4 | 300.0 | -46.0 | -49.9 | 999.9 | 99.9 | 99.9 | 99.9 | 326.6 | 324.5 | 99.9 | 99.9 | 99.9 | 99.9 |
| 39.4 | 91.5 | 9988.5 | 275.0 | -53.2 | -53.2 | 999.9 | 99.9 | 99.9 | 99.9 | 332.4 | 324.5 | 99.9 | 99.9 | 99.9 | 99.9 |
| 41.9 | 96.0 | 10616.8 | 250.0 | -57.2 | -57.2 | 999.9 | 99.9 | 99.9 | 99.9 | 337.0 | 324.5 | 99.9 | 99.9 | 99.9 | 99.9 |
| 44.6 | 100.5 | 11302.6 | 225.0 | -59.5 | -59.5 | 999.9 | 99.9 | 99.9 | 99.9 | 342.3 | 324.5 | 99.9 | 99.9 | 99.9 | 99.9 |
| 47.4 | 105.5 | 12052.9 | 200.0 | -59.5 | -59.5 | 999.9 | 99.9 | 99.9 | 99.9 | 351.7 | 324.5 | 99.9 | 99.9 | 99.9 | 99.9 |
| 50.8 | 111.0 | 12894.1 | 175.0 | -58.1 | -58.1 | 999.9 | 99.9 | 99.9 | 99.9 | 369.7 | 324.5 | 99.9 | 99.9 | 99.9 | 99.9 |
| 54.3 | 116.7 | 13857.3 | 150.0 | -58.1 | -58.1 | 999.9 | 99.9 | 99.9 | 99.9 | 389.9 | 324.5 | 99.9 | 99.9 | 99.9 | 99.9 |
| 58.0 | 123.3 | 15007.6 | 125.0 | -64.7 | -64.7 | 999.9 | 99.9 | 99.9 | 99.9 | 402.7 | 324.5 | 99.9 | 99.9 | 99.9 | 99.9 |
| 62.5 | 130.7 | 16388.0 | 100.0 | -66.3 | -66.3 | 999.9 | 99.9 | 99.9 | 99.9 | 433.9 | 324.5 | 99.9 | 99.9 | 99.9 | 99.9 |
| 67.4 | 139.0 | 18145.7 | 75.0 | -61.3 | -61.3 | 999.9 | 99.9 | 99.9 | 99.9 | 499.0 | 324.5 | 99.9 | 99.9 | 99.9 | 99.9 |
| 73.9 | 149.0 | 20633.4 | 50.0 | -54.1 | -54.1 | 999.9 | 99.9 | 99.9 | 99.9 | 629.3 | 324.5 | 99.9 | 99.9 | 99.9 | 99.9 |
| 83.3 | 159.0 | 25027.1 | 25.0 | -54.1 | -54.1 | 999.9 | 99.9 | 99.9 | 99.9 | 629.3 | 324.5 | 99.9 | 99.9 | 99.9 | 99.9 |
| 97.3 | 159.0 | 25027.1 | 25.0 | -54.1 | -54.1 | 999.9 | 99.9 | 99.9 | 99.9 | 629.3 | 324.5 | 99.9 | 99.9 | 99.9 | 99.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 ** BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 *** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
 **** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

ORIGINAL PAGE 15
OF POOR QUALITY

STATION NO. 12
COLLEGE STATION, TEXAS
24 APRIL 1982
1415 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 5.9 | 79.0 | 1010.5 | 11.3 | 9.7 | 999.9 | 99.9 | 99.9 | 99.9 | 283.6 | 302.7 | 7.5 | 90.0 | 999.9 | 999.9 |
| 0.5 | 6.9 | 166.0 | 1000.0 | 10.1* | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 283.3 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 1.4 | 9.3 | 376.2 | 975.0 | 8.1 | 7.2 | 999.9 | 99.9 | 99.9 | 99.9 | 283.3 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 2.1 | 11.5 | 590.8 | 950.0 | 7.5 | 5.7 | 999.9 | 99.9 | 99.9 | 99.9 | 284.8 | 330.5 | 6.6 | 94.1 | 999.9 | 999.9 |
| 3.0 | 14.0 | 810.4 | 925.0 | 6.4 | 5.2 | 999.9 | 99.9 | 99.9 | 99.9 | 285.9 | 331.5 | 6.1 | 91.7 | 999.9 | 999.9 |
| 3.9 | 18.4 | 1036.3 | 900.0 | 5.9 | 8.3 | 999.9 | 99.9 | 99.9 | 99.9 | 290.7 | 330.7 | 6.0 | 95.8 | 999.9 | 999.9 |
| 4.7 | 18.8 | 1270.4 | 875.0 | 8.3 | 8.7 | 999.9 | 99.9 | 99.9 | 99.9 | 293.5 | 331.5 | 8.1 | 95.8 | 999.9 | 999.9 |
| 5.6 | 21.2 | 1511.2 | 850.0 | 8.9 | 8.3 | 999.9 | 99.9 | 99.9 | 99.9 | 295.5 | 333.8 | 7.3 | 95.8 | 999.9 | 999.9 |
| 6.4 | 23.7 | 1758.7 | 825.0 | 8.0 | 7.3 | 999.9 | 99.9 | 99.9 | 99.9 | 297.1 | 333.8 | 7.3 | 95.8 | 999.9 | 999.9 |
| 7.4 | 26.3 | 2012.6 | 800.0 | 8.6 | 5.9 | 999.9 | 99.9 | 99.9 | 99.9 | 298.2 | 333.8 | 6.9 | 95.8 | 999.9 | 999.9 |
| 8.3 | 28.8 | 2272.8 | 775.0 | 4.5 | 3.9 | 999.9 | 99.9 | 99.9 | 99.9 | 299.8 | 333.8 | 6.9 | 95.8 | 999.9 | 999.9 |
| 9.4 | 31.3 | 2533.7 | 750.0 | 2.9 | 2.2 | 999.9 | 99.9 | 99.9 | 99.9 | 300.8 | 333.8 | 6.9 | 95.8 | 999.9 | 999.9 |
| 10.4 | 33.9 | 2813.8 | 725.0 | 1.2 | 0.5 | 999.9 | 99.9 | 99.9 | 99.9 | 302.4 | 333.8 | 6.9 | 95.8 | 999.9 | 999.9 |
| 11.4 | 35.6 | 3095.0 | 700.0 | -0.1 | -0.8 | 999.9 | 99.9 | 99.9 | 99.9 | 304.4 | 333.8 | 6.9 | 95.8 | 999.9 | 999.9 |
| 12.3 | 38.2 | 3387.2 | 675.0 | -1.1 | -1.9 | 999.9 | 99.9 | 99.9 | 99.9 | 306.4 | 333.8 | 6.9 | 95.8 | 999.9 | 999.9 |
| 13.4 | 42.0 | 3688.0 | 650.0 | -2.7 | -3.5 | 999.9 | 99.9 | 99.9 | 99.9 | 308.4 | 333.8 | 6.9 | 95.8 | 999.9 | 999.9 |
| 14.4 | 47.7 | 3989.1 | 625.0 | -3.6 | -4.5 | 999.9 | 99.9 | 99.9 | 99.9 | 310.4 | 333.8 | 6.9 | 95.8 | 999.9 | 999.9 |
| 15.5 | 47.5 | 4291.4 | 600.0 | -4.9 | -5.8 | 999.9 | 99.9 | 99.9 | 99.9 | 312.4 | 333.8 | 6.9 | 95.8 | 999.9 | 999.9 |
| 16.8 | 50.3 | 4594.8 | 575.0 | -7.0** | -9.0** | 999.9 | 99.9 | 99.9 | 99.9 | 314.4 | 333.8 | 6.9 | 95.8 | 999.9 | 999.9 |
| 17.8 | 53.2 | 4897.1 | 550.0 | -9.0** | -11.0** | 999.9 | 99.9 | 99.9 | 99.9 | 316.4 | 333.8 | 6.9 | 95.8 | 999.9 | 999.9 |
| 18.9 | 55.3 | 5197.3 | 525.0 | -12.1** | -13.1** | 999.9 | 99.9 | 99.9 | 99.9 | 318.4 | 333.8 | 6.9 | 95.8 | 999.9 | 999.9 |
| 20.1 | 59.3 | 5497.1 | 500.0 | -14.1** | -15.1** | 999.9 | 99.9 | 99.9 | 99.9 | 320.4 | 333.8 | 6.9 | 95.8 | 999.9 | 999.9 |
| 21.4 | 62.4 | 5797.3 | 475.0 | -17.4** | -18.4** | 999.9 | 99.9 | 99.9 | 99.9 | 322.4 | 333.8 | 6.9 | 95.8 | 999.9 | 999.9 |
| 22.5 | 65.5 | 6097.1 | 450.0 | -20.1** | -21.1** | 999.9 | 99.9 | 99.9 | 99.9 | 324.4 | 333.8 | 6.9 | 95.8 | 999.9 | 999.9 |
| 23.6 | 68.9 | 6397.3 | 425.0 | -23.3 | -24.3 | 999.9 | 99.9 | 99.9 | 99.9 | 326.4 | 333.8 | 6.9 | 95.8 | 999.9 | 999.9 |
| 24.7 | 72.1 | 6697.1 | 400.0 | -26.0 | -27.0 | 999.9 | 99.9 | 99.9 | 99.9 | 328.4 | 333.8 | 6.9 | 95.8 | 999.9 | 999.9 |
| 25.8 | 75.7 | 6997.3 | 375.0 | -28.8 | -29.8 | 999.9 | 99.9 | 99.9 | 99.9 | 330.4 | 333.8 | 6.9 | 95.8 | 999.9 | 999.9 |
| 26.9 | 79.3 | 7297.1 | 350.0 | -31.3 | -32.3 | 999.9 | 99.9 | 99.9 | 99.9 | 332.4 | 333.8 | 6.9 | 95.8 | 999.9 | 999.9 |
| 28.0 | 83.0 | 7597.3 | 325.0 | -33.8 | -34.8 | 999.9 | 99.9 | 99.9 | 99.9 | 334.4 | 333.8 | 6.9 | 95.8 | 999.9 | 999.9 |
| 29.1 | 87.0 | 7897.1 | 300.0 | -36.3 | -37.3 | 999.9 | 99.9 | 99.9 | 99.9 | 336.4 | 333.8 | 6.9 | 95.8 | 999.9 | 999.9 |
| 30.2 | 91.2 | 8197.3 | 275.0 | -38.8 | -39.8 | 999.9 | 99.9 | 99.9 | 99.9 | 338.4 | 333.8 | 6.9 | 95.8 | 999.9 | 999.9 |
| 31.4 | 95.5 | 8497.1 | 250.0 | -41.3 | -42.3 | 999.9 | 99.9 | 99.9 | 99.9 | 340.4 | 333.8 | 6.9 | 95.8 | 999.9 | 999.9 |
| 32.5 | 100.0 | 8797.3 | 225.0 | -43.8 | -44.8 | 999.9 | 99.9 | 99.9 | 99.9 | 342.4 | 333.8 | 6.9 | 95.8 | 999.9 | 999.9 |
| 33.6 | 99.9 | 9097.1 | 200.0 | -46.3 | -47.3 | 999.9 | 99.9 | 99.9 | 99.9 | 344.4 | 333.8 | 6.9 | 95.8 | 999.9 | 999.9 |
| 34.7 | 99.9 | 9397.3 | 175.0 | -48.8 | -49.8 | 999.9 | 99.9 | 99.9 | 99.9 | 346.4 | 333.8 | 6.9 | 95.8 | 999.9 | 999.9 |
| 35.8 | 99.9 | 9697.1 | 150.0 | -51.3 | -52.3 | 999.9 | 99.9 | 99.9 | 99.9 | 348.4 | 333.8 | 6.9 | 95.8 | 999.9 | 999.9 |
| 36.9 | 99.9 | 9997.3 | 125.0 | -53.8 | -54.8 | 999.9 | 99.9 | 99.9 | 99.9 | 350.4 | 333.8 | 6.9 | 95.8 | 999.9 | 999.9 |
| 38.0 | 99.9 | 10297.1 | 100.0 | -56.3 | -57.3 | 999.9 | 99.9 | 99.9 | 99.9 | 352.4 | 333.8 | 6.9 | 95.8 | 999.9 | 999.9 |
| 39.1 | 99.9 | 10597.3 | 75.0 | -58.8 | -59.8 | 999.9 | 99.9 | 99.9 | 99.9 | 354.4 | 333.8 | 6.9 | 95.8 | 999.9 | 999.9 |
| 40.2 | 99.9 | 10897.1 | 50.0 | -61.3 | -62.3 | 999.9 | 99.9 | 99.9 | 99.9 | 356.4 | 333.8 | 6.9 | 95.8 | 999.9 | 999.9 |
| 41.3 | 99.9 | 11197.3 | 25.0 | -63.8 | -64.8 | 999.9 | 99.9 | 99.9 | 99.9 | 358.4 | 333.8 | 6.9 | 95.8 | 999.9 | 999.9 |
| 42.4 | 99.9 | 11497.1 | 0.0 | -66.3 | -67.3 | 999.9 | 99.9 | 99.9 | 99.9 | 360.4 | 333.8 | 6.9 | 95.8 | 999.9 | 999.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
** BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 5 DEG
** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

STATION NO. 12
COLLEGE STATION, TEXAS
25 APRIL 1982
237 GMT

| TIME MIN | ONTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 5.8 | 79.0 | 1005.0 | 14.0 | 12.6 | 90.0 | 2.6 | -2.6 | 0.0 | 285.8 | 310.1 | 9.2 | 91.0 | 0.0 | 0 |
| 0.1 | 6.3 | 121.2 | 1000.0 | 14.3 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 287.4 | 99.9 | 9.2 | 99.9 | 99.9 | 99.9 |
| 0.9 | 8.5 | 335.2 | 975.0 | 13.0 | 12.6 | 99.9 | 99.9 | 99.9 | 99.9 | 288.2 | 312.5 | 9.3 | 97.5 | 99.9 | 99.9 |
| 1.7 | 10.9 | 553.8 | 950.0 | 12.7 | 12.0 | 99.9 | 99.9 | 99.9 | 99.9 | 290.1 | 314.2 | 9.3 | 95.5 | 99.9 | 99.9 |
| 2.5 | 13.2 | 778.8 | 925.0 | 13.6 | 11.8 | 99.9 | 99.9 | 99.9 | 99.9 | 293.2 | 319.8 | 10.2 | 95.2 | 99.9 | 99.9 |
| 3.2 | 15.6 | 1009.5 | 900.0 | 12.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 294.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 3.7 | 18.0 | 1245.0 | 875.0 | 12.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 297.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 4.1 | 20.5 | 1486.9 | 850.0 | 11.1 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 297.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 5.1 | 22.9 | 1734.9 | 825.0 | 10.2 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 299.4 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 6.0 | 25.4 | 1990.1 | 800.0 | 9.3 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 301.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 6.9 | 27.9 | 2253.0 | 775.0 | 7.5 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 304.5 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 7.9 | 30.5 | 2523.4 | 750.0 | 7.3 | 2.7 | 228.6 | 11.8 | 8.8 | 7.8 | 305.7 | 320.4 | 6.3 | 72.7 | 99.9 | 12 |
| 8.9 | 33.1 | 2802.1 | 725.0 | 5.7 | -0.4 | 232.0 | 12.6 | 9.9 | 7.0 | 307.3 | 322.2 | 5.1 | 72.7 | 99.9 | 12 |
| 9.8 | 35.7 | 3088.9 | 700.0 | 4.3 | -4.1 | 236.3 | 12.7 | 10.5 | 6.1 | 308.1 | 320.4 | 4.1 | 54.4 | 99.9 | 18 |
| 10.9 | 38.4 | 3384.2 | 675.0 | 2.2 | -11.3 | 242.0 | 13.0 | 11.5 | 6.0 | 308.8 | 316.1 | 2.7 | 40.2 | 99.9 | 23 |
| 12.0 | 41.1 | 3687.6 | 650.0 | 0.2 | -25.3 | 241.3 | 12.5 | 11.0 | 6.4 | 309.2 | 99.9 | 99.9 | 99.9 | 99.9 | 28 |
| 13.0 | 43.9 | 3989.7 | 625.0 | -2.9 | 99.9 | 238.9 | 12.8 | 14.3 | 5.8 | 310.2 | 99.9 | 99.9 | 99.9 | 99.9 | 32 |
| 14.2 | 46.7 | 4321.6 | 600.0 | -5.1 | 99.9 | 236.3 | 15.8 | 14.3 | 5.4 | 312.5 | 312.6 | 0.0 | 99.9 | 99.9 | 38 |
| 15.3 | 49.6 | 4655.2 | 575.0 | -8.4 | -54.0 | 230.5 | 13.9 | 13.1 | 4.6 | 312.5 | 314.1 | 0.0 | 1.0 | 99.9 | 42 |
| 16.5 | 52.5 | 5001.1 | 550.0 | -10.9 | -55.3 | 243.2 | 14.6 | 13.0 | 6.6 | 315.3 | 315.5 | 0.0 | 1.0 | 99.9 | 45 |
| 17.7 | 55.5 | 5360.0 | 525.0 | -13.2 | -56.8 | 238.7 | 16.0 | 13.7 | 7.8 | 317.0 | 317.1 | 0.0 | 1.0 | 99.9 | 48 |
| 18.9 | 58.5 | 5733.4 | 500.0 | -16.0 | -58.3 | 240.7 | 15.9 | 13.8 | 8.2 | 318.2 | 318.3 | 0.0 | 1.0 | 99.9 | 50 |
| 20.2 | 61.6 | 6121.9 | 475.0 | -18.8 | -59.2 | 241.9 | 17.4 | 15.3 | 9.0 | 319.6 | 319.8 | 0.0 | 1.0 | 99.9 | 51 |
| 21.5 | 64.9 | 6526.8 | 450.0 | -22.4 | -60.4 | 239.4 | 21.8 | 18.8 | 11.1 | 320.2 | 320.3 | 0.0 | 1.0 | 99.9 | 52 |
| 22.9 | 68.1 | 6928.6 | 425.0 | -25.9 | -61.7 | 241.3 | 23.6 | 20.7 | 11.4 | 321.4 | 321.5 | 0.0 | 2.8 | 99.9 | 53 |
| 24.4 | 71.6 | 7332.1 | 400.0 | -29.1 | -64.2 | 245.6 | 26.2 | 23.2 | 12.2 | 323.1 | 323.2 | 0.0 | 2.8 | 99.9 | 55 |
| 26.0 | 75.0 | 7856.2 | 375.0 | -32.8 | -66.0 | 245.6 | 28.2 | 25.7 | 11.7 | 324.6 | 324.7 | 0.0 | 2.8 | 99.9 | 56 |
| 27.6 | 78.7 | 8345.7 | 350.0 | -36.2 | -68.0 | 245.6 | 31.6 | 28.8 | 12.9 | 326.8 | 326.9 | 0.0 | 2.8 | 99.9 | 57 |
| 29.4 | 82.5 | 8864.1 | 325.0 | -40.3 | -69.9 | 245.6 | 34.1 | 31.3 | 13.6 | 328.6 | 328.6 | 99.9 | 99.9 | 99.9 | 57 |
| 31.1 | 86.4 | 9414.8 | 300.0 | -43.7 | -69.9 | 236.8 | 39.2 | 32.8 | 18.6 | 332.0 | 99.9 | 99.9 | 99.9 | 99.9 | 58 |
| 32.9 | 90.5 | 10004.4 | 275.0 | -47.4 | -69.9 | 239.3 | 36.4 | 31.3 | 21.5 | 335.7 | 99.9 | 99.9 | 99.9 | 99.9 | 58 |
| 34.9 | 94.8 | 10639.5 | 250.0 | -52.2 | -69.9 | 236.5 | 36.8 | 30.7 | 20.3 | 338.5 | 99.9 | 99.9 | 99.9 | 99.9 | 58 |
| 36.9 | 99.6 | 11328.8 | 225.0 | -56.0 | -69.9 | 236.5 | 40.5 | 33.8 | 22.3 | 344.1 | 99.9 | 99.9 | 99.9 | 99.9 | 57 |
| 39.0 | 104.5 | 12092.6 | 200.0 | -59.2 | -69.9 | 236.8 | 29.7 | 24.9 | 16.2 | 352.3 | 99.9 | 99.9 | 99.9 | 99.9 | 57 |
| 41.3 | 109.8 | 12926.5 | 175.0 | -59.2 | -69.9 | 237.7 | 33.1 | 28.0 | 17.7 | 368.6 | 99.9 | 99.9 | 99.9 | 99.9 | 57 |
| 43.8 | 115.7 | 13893.4 | 150.0 | -59.1 | -69.9 | 237.7 | 27.7 | 25.2 | 13.2 | 387.9 | 99.9 | 99.9 | 99.9 | 99.9 | 58 |
| 46.8 | 122.2 | 15040.9 | 125.0 | -61.8 | -69.9 | 236.9 | 24.2 | 20.2 | 13.2 | 408.3 | 99.9 | 99.9 | 99.9 | 99.9 | 58 |
| 50.1 | 129.7 | 16434.7 | 100.0 | -64.8 | -69.9 | 236.9 | 11.4 | 9.4 | -6.5 | 437.1 | 99.9 | 99.9 | 99.9 | 99.9 | 58 |
| 53.9 | 138.0 | 18195.5 | 75.0 | -64.1 | -69.9 | 135.4 | 7.3 | -5.1 | -5.2 | 492.6 | 99.9 | 99.9 | 99.9 | 99.9 | 58 |
| 58.6 | 147.3 | 20664.4 | 50.0 | -64.1 | -69.9 | 99.9 | 99.9 | 99.9 | 99.9 | 620.9 | 99.9 | 99.9 | 99.9 | 99.9 | 58 |
| 65.2 | 157.3 | 25004.5 | 25.0 | -57.1 | -69.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 58 |
| 76.1 | | | | | | | | | | | | | | | |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
 ** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 365
ALBUQUERQUE, NEW MEXICO

24 APRIL 1982
+4:10 GMT

| TIME MIN | ONTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE NM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0 | 23.0 | 1619.0 | 836.0 | 4.9 | 4.2 | 130.0 | 3.1 | -2.4 | 2.0 | 292.7 | 309.3 | 6.2 | 95.0 | 0 | 0 |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 900.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 875.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 850.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.4 | 24.2 | 1727.1 | 825.0 | 3.7 | 2.0 | 99.9 | 99.9 | 99.9 | 99.9 | 292.6 | 307.0 | 5.4 | 88.3 | 0 | 0 |
| 1.1 | 26.3 | 1977.4 | 800.0 | 3.2 | -0.6 | 99.9 | 99.9 | 99.9 | 99.9 | 294.6 | 307.2 | 4.6 | 75.7 | 0 | 0 |
| 1.9 | 29.3 | 2234.7 | 775.0 | 2.5 | -1.4 | 99.9 | 99.9 | 99.9 | 99.9 | 296.5 | 308.4 | 4.5 | 75.2 | 0 | 0 |
| 2.8 | 31.9 | 2499.1 | 750.0 | 0.6 | -3.4 | 99.9 | 99.9 | 99.9 | 99.9 | 297.3 | 308.4 | 4.0 | 74.4 | 0 | 0 |
| 3.8 | 34.7 | 2770.8 | 725.0 | -1.3 | -4.2 | 99.9 | 99.9 | 99.9 | 99.9 | 298.1 | 308.6 | 3.9 | 80.8 | 0 | 0 |
| 4.7 | 37.3 | 3050.2 | 700.0 | -2.8 | -7.0 | 99.9 | 99.9 | 99.9 | 99.9 | 300.6 | 308.9 | 3.2 | 72.7 | 0 | 0 |
| 5.7 | 40.1 | 3337.7 | 675.0 | -4.5 | -9.1 | 303.3 | 17.0 | 12.3 | -9.3 | 301.3 | 309.4 | 2.8 | 70.3 | 0 | 0 |
| 6.7 | 42.8 | 3634.0 | 650.0 | -6.8 | -9.8 | 314.7 | 17.2 | 12.3 | -12.1 | 301.3 | 309.4 | 2.8 | 70.3 | 0 | 0 |
| 7.8 | 45.7 | 3939.2 | 625.0 | -9.1 | -10.1 | 318.7 | 17.9 | 11.8 | -13.5 | 303.1 | 310.7 | 2.6 | 92.7 | 0 | 0 |
| 8.8 | 48.6 | 4254.2 | 600.0 | -9.1 | -11.9 | 317.3 | 16.4 | 13.4 | -13.5 | 303.1 | 310.7 | 2.6 | 92.7 | 0 | 0 |
| 9.9 | 51.4 | 4579.9 | 575.0 | -13.3 | -14.6 | 313.3 | 19.0 | 13.8 | -13.0 | 304.4 | 310.8 | 2.1 | 94.5 | 0 | 0 |
| 11.0 | 54.4 | 4917.1 | 550.0 | -15.3 | -16.9 | 311.2 | 19.7 | 14.8 | -13.0 | 305.9 | 311.5 | 1.9 | 90.3 | 0 | 0 |
| 12.3 | 57.5 | 5287.3 | 525.0 | -17.1 | -21.8 | 313.8 | 19.5 | 14.8 | -13.5 | 307.9 | 311.5 | 1.3 | 88.2 | 0 | 0 |
| 13.4 | 60.8 | 5632.0 | 500.0 | -18.9 | -28.1 | 313.2 | 22.9 | 16.7 | -15.7 | 310.0 | 312.4 | 0.7 | 10.0 | 0 | 0 |
| 14.8 | 63.8 | 6012.3 | 475.0 | -21.5 | -32.1 | 310.2 | 22.6 | 17.3 | -14.6 | 311.4 | 312.4 | 0.5 | 13.4 | 0 | 0 |
| 16.2 | 66.9 | 6408.0 | 450.0 | -25.3 | -38.1 | 309.1 | 22.0 | 16.9 | -14.0 | 311.5 | 312.8 | 0.4 | 15.3 | 0 | 0 |
| 17.9 | 70.3 | 6820.0 | 425.0 | -29.2 | -42.9 | 309.1 | 22.8 | 17.7 | -14.4 | 311.5 | 312.7 | 0.3 | 17.5 | 0 | 0 |
| 19.6 | 73.7 | 7250.0 | 400.0 | -33.1 | -45.6 | 311.9 | 21.5 | 16.0 | -14.3 | 311.9 | 312.7 | 0.2 | 19.8 | 0 | 0 |
| 21.1 | 77.1 | 7699.6 | 375.0 | -37.4 | -48.9 | 99.9 | 99.9 | 99.9 | 99.9 | 312.1 | 312.6 | 0.2 | 21.6 | 0 | 0 |
| 22.8 | 80.8 | 8171.6 | 350.0 | -41.6 | -51.9 | 99.9 | 99.9 | 99.9 | 99.9 | 312.6 | 312.6 | 99.9 | 99.9 | 99.9 | 99.9 |
| 24.3 | 84.5 | 8671.4 | 325.0 | -45.0 | -55.9 | 99.9 | 99.9 | 99.9 | 99.9 | 314.6 | 314.6 | 99.9 | 99.9 | 99.9 | 99.9 |
| 26.1 | 88.5 | 9204.7 | 300.0 | -48.9 | -59.9 | 99.9 | 99.9 | 99.9 | 99.9 | 322.0 | 322.0 | 99.9 | 99.9 | 99.9 | 99.9 |
| 28.1 | 92.5 | 9786.0 | 275.0 | -48.2 | -59.9 | 99.9 | 99.9 | 99.9 | 99.9 | 328.4 | 328.4 | 99.9 | 99.9 | 99.9 | 99.9 |
| 30.3 | 96.8 | 10414.4 | 250.0 | -48.5 | -59.9 | 99.9 | 99.9 | 99.9 | 99.9 | 334.0 | 334.0 | 99.9 | 99.9 | 99.9 | 99.9 |
| 33.0 | 101.4 | 11105.8 | 225.0 | -49.8 | -59.9 | 99.9 | 99.9 | 99.9 | 99.9 | 342.3 | 342.3 | 99.9 | 99.9 | 99.9 | 99.9 |
| 35.8 | 106.2 | 11876.5 | 200.0 | -49.9 | -59.9 | 99.9 | 99.9 | 99.9 | 99.9 | 353.8 | 353.8 | 99.9 | 99.9 | 99.9 | 99.9 |
| 39.5 | 111.5 | 12754.1 | 175.0 | -48.4** | -58.9 | 99.9 | 99.9 | 99.9 | 99.9 | 370.1 | 370.1 | 99.9 | 99.9 | 99.9 | 99.9 |
| 42.3 | 117.2 | 13757.8 | 150.0 | -53.4** | -58.9 | 99.9 | 99.9 | 99.9 | 99.9 | 378.1 | 378.1 | 99.9 | 99.9 | 99.9 | 99.9 |
| 46.4 | 123.5 | 14926.8 | 125.0 | -53.6 | -58.9 | 99.9 | 99.9 | 99.9 | 99.9 | 379.1 | 379.1 | 99.9 | 99.9 | 99.9 | 99.9 |
| 50.6 | 130.5 | 16349.2 | 100.0 | -58.9 | -58.9 | 99.9 | 99.9 | 99.9 | 99.9 | 414.0 | 414.0 | 99.9 | 99.9 | 99.9 | 99.9 |
| 55.0 | 138.7 | 18147.2 | 75.0 | -61.2 | -58.9 | 254.4 | 8.6 | 8.5 | 1.3 | 444.6 | 444.6 | 99.9 | 99.9 | 99.9 | 99.9 |
| 65.0 | 147.7 | 20689.0 | 50.0 | -66.5 | -58.9 | 216.2 | 3.3 | 1.8 | 2.5 | 510.5 | 510.5 | 99.9 | 99.9 | 99.9 | 99.9 |
| 78.5 | 158.0 | 25112.2 | 25.0 | -51.7 | -58.9 | 153.2 | 3.3 | -1.5 | 2.9 | 636.0 | 636.0 | 99.9 | 99.9 | 99.9 | 99.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

STATION NO. 451
DODGE CITY, KANSAS

25 APRIL 1982
515 GMT

140 32 0

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DEG C | DEW PT DEG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|---------------|-----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0 0 | 15.0 | 791.0 | 917.7 | 11.1 | 8.3 | 160.0 | 4.1 | -1.4 | 3.9 | 291.3 | 311.2 | 7.5 | 83.0 | 0.0 | 0 |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999 |
| 99.9 | 99.9 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999 |
| 99.9 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999 |
| 0.5 | 16.9 | 953.0 | 900.0 | 8.4 | 7.9 | 99.9 | 99.9 | 99.9 | 99.9 | 290.7 | 309.7 | 7.5 | 96.6 | 99.9 | 999 |
| 1 2 | 19.4 | 1186.0 | 875.0 | 7.7 | 6.0 | 99.9 | 99.9 | 99.9 | 99.9 | 291.8 | 309.7 | 6.7 | 89.7 | 99.9 | 999 |
| 3 0 | 21.9 | 1426.0 | 850.0 | 9.0 | 2.5 | 99.9 | 99.9 | 99.9 | 99.9 | 295.6 | 310.4 | 5.4 | 63.5 | 1.0 | 349 |
| 3 8 | 24.6 | 1673.6 | 825.0 | 8.5 | 0.7 | 215.2 | 4.7 | 1.7 | 4.4 | 297.6 | 311.8 | 4.8 | 57.7 | 1.3 | 356 |
| 4 8 | 29.9 | 2187.6 | 800.0 | 6.8 | 0.7 | 205.2 | 3.1 | 1.8 | 2.5 | 298.4 | 312.3 | 4.8 | 62.1 | 1.4 | 359 |
| 5 6 | 32.6 | 2454.4 | 775.0 | 4.7 | -0.5 | 252.8 | 1.5 | 1.6 | 0.5 | 299.5 | 312.4 | 5.0 | 69.0 | 1.5 | 4 |
| 6 5 | 35.3 | 2727.8 | 750.0 | 2.7 | -0.4 | 32.4 | 3.6 | -0.2 | -1.8 | 299.5 | 312.7 | 4.6 | 80.2 | 1.5 | 4 |
| 7 3 | 38.1 | 3008.7 | 725.0 | 0.4 | -2.0 | 38.3 | 3.6 | -2.2 | -2.7 | 300.7 | 309.2 | 2.9 | 84.1 | 1.4 | 2 |
| 8 3 | 40.9 | 3297.4 | 700.0 | -1.6 | -8.2 | 51.5 | 4.4 | -3.6 | -3.5 | 301.6 | 310.9 | 3.2 | 60.4 | 1.3 | 355 |
| 9 1 | 43.8 | 3594.8 | 675.0 | -3.7 | -7.5 | 37.1 | 4.4 | -2.6 | -4.1 | 302.9 | 309.6 | 2.4 | 74.8 | 1.1 | 345 |
| 10 1 | 46.6 | 3901.0 | 650.0 | -5.6 | -11.8 | 20.5 | 4.4 | -1.5 | -3.9 | 302.9 | 309.4 | 2.2 | 61.6 | 0.8 | 325 |
| 10 9 | 49.5 | 418.5 | 625.0 | -8.4 | -13.4 | 6.6 | 3.9 | -0.4 | -2.4 | 303.2 | 310.1 | 2.2 | 86.5 | 0.6 | 317 |
| 12 0 | 52.4 | 4542.3 | 600.0 | -11.2 | -13.0 | 339.8 | 3.9 | 1.2 | -3.4 | 304.5 | 311.2 | 2.2 | 92.6 | 0.4 | 315 |
| 13 0 | 55.4 | 4880.0 | 575.0 | -14.9 | -14.1 | 307.4 | 3.9 | 3.1 | -2.4 | 306.5 | 309.8 | 1.1 | 18.8 | 0.2 | 336 |
| 14 2 | 58.5 | 5230.8 | 550.0 | -16.7 | -23.8 | 99.9 | 99.9 | 99.9 | 99.9 | 308.4 | 309.6 | 0.4 | 21.5 | 99.9 | 999 |
| 15 4 | 61.6 | 5595.0 | 525.0 | -20.1 | -34.9 | 99.9 | 99.9 | 99.9 | 99.9 | 308.6 | 309.7 | 0.3 | 28.3 | 99.9 | 999 |
| 16 6 | 64.8 | 5972.9 | 500.0 | -23.1** | -36.5 | 99.9 | 99.9 | 99.9 | 99.9 | 309.3 | 309.3 | 99.9 | 99.9 | 99.9 | 999 |
| 17 8 | 68.1 | 6366.2 | 475.0 | -26.4** | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 310.1 | 309.3 | 99.9 | 99.9 | 99.9 | 999 |
| 19 0 | 71.4 | 6776.8 | 450.0 | -29.6** | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 311.2 | 309.3 | 99.9 | 99.9 | 99.9 | 999 |
| 20 3 | 74.9 | 7206.4 | 425.0 | -32.8** | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 312.3 | 309.3 | 99.9 | 99.9 | 99.9 | 999 |
| 21 5 | 78.3 | 7657.7 | 400.0 | -36.1** | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 313.8 | 309.3 | 99.9 | 99.9 | 99.9 | 999 |
| 22 9 | 82.0 | 8133.0 | 375.0 | -39.7** | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 315.2 | 309.3 | 99.9 | 99.9 | 99.9 | 999 |
| 24 3 | 85.7 | 8636.1 | 350.0 | -43.3 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 317.1 | 309.3 | 99.9 | 99.9 | 99.9 | 999 |
| 25 7 | 89.7 | 9169.0 | 325.0 | -46.3 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 317.6 | 309.3 | 99.9 | 99.9 | 99.9 | 999 |
| 27 2 | 93.7 | 9742.7 | 300.0 | -48.0 | 99.9 | 186.2 | 14.2 | 1.5 | 14.1 | 317.6 | 309.3 | 99.9 | 99.9 | 99.9 | 999 |
| 29 2 | 98.0 | 10375.2 | 275.0 | -45.4 | 99.9 | 221.4 | 5.3 | 4.5 | 4.0 | 329.5 | 309.3 | 99.9 | 99.9 | 99.9 | 999 |
| 31 4 | 102.5 | 11071.0 | 250.0 | -47.5 | 99.9 | 261.7 | 4.9 | 5.4 | 0.7 | 335.5 | 309.3 | 99.9 | 99.9 | 99.9 | 999 |
| 33 4 | 107.2 | 11840.2 | 225.0 | -48.8 | 99.9 | 258.3 | 5.5 | 6.4 | 1.1 | 343.8 | 309.3 | 99.9 | 99.9 | 99.9 | 999 |
| 35 6 | 112.2 | 12703.9 | 200.0 | -50.7 | 99.9 | 240.9 | 7.4 | 11.2 | 3.6 | 352.6 | 309.3 | 99.9 | 99.9 | 99.9 | 999 |
| 38 5 | 117.8 | 13706.9 | 175.0 | -52.6 | 99.9 | 234.2 | 13.8 | 15.4 | 8.1 | 363.6 | 309.3 | 99.9 | 99.9 | 99.9 | 999 |
| 41 6 | 124.0 | 14882.7 | 150.0 | -54.7 | 99.9 | 262.3 | 15.5 | 13.8 | 1.9 | 386.0 | 309.3 | 99.9 | 99.9 | 99.9 | 999 |
| 44 9 | 130.7 | 16300.8 | 125.0 | -57.8 | 99.9 | 266.5 | 13.9 | 13.2 | 0.8 | 416.1 | 309.3 | 99.9 | 99.9 | 99.9 | 999 |
| 49 2 | 138.3 | 18113.5 | 100.0 | -59.2 | 99.9 | 259.3 | 9.3 | 9.2 | 1.7 | 448.3 | 309.3 | 99.9 | 99.9 | 99.9 | 999 |
| 55 5 | 147.0 | 20649.5 | 50.0 | -57.3 | 99.9 | 276.6 | 2.6 | 2.6 | -0.3 | 508.4 | 309.3 | 99.9 | 99.9 | 99.9 | 999 |
| 99.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 ** BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 *** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
 **** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

ORIGINAL PAGE IS
OF POOR QUALITY

ORIGINAL PAGE IS
OF POOR QUALITY

| STATION NO. 469 DENVER, COLORADO | | | | | | | | | | | | | | 141 | 18. | 0 |
|-------------------------------------|-------|--------|--------|-------|--------|-------|-------|--------|--------|-------|---------|--------|------|-------|-------|-------|
| 25 APRIL 1982 | | | | | | | | | | | | | | | | |
| 215 GMT | | | | | | | | | | | | | | | | |
| TIME | ONTOT | HEIGHT | PRES | TEMP | DEW PT | DIR | SPEED | U COMP | V COMP | POT T | E POT T | MX RTQ | RH | RANGE | AZ | DG |
| MIN | | GPM | MB | DG C | DG C | DG | M/SEC | M/SEC | M/SEC | DG K | DG K | GM/KG | PCI | KM | | |
| 0.0 | 25.7 | 1611.0 | 830.6 | 14.4 | -3.9 | 230.0 | 2.1 | 1.6 | 1.3 | 303.2 | 313.3 | 3.5 | 28.0 | 0.0 | 0.0 | 0. |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 900.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 875.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 850.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 0.2 | 26.2 | 1568.0 | 825.0 | 13.5 | -6.9 | 999.9 | 99.9 | 99.9 | 99.9 | 302.9 | 311.0 | 2.8 | 23.5 | 999.9 | 999.9 | 999.9 |
| 1.0 | 29.1 | 1525.5 | 800.0 | 11.3 | -8.9 | 999.9 | 99.9 | 99.9 | 99.9 | 303.2 | 311.5 | 2.8 | 23.5 | 999.9 | 999.9 | 999.9 |
| 1.6 | 31.9 | 1489.5 | 775.0 | 9.4** | -8.9 | 999.9 | 99.9 | 99.9 | 99.9 | 303.2 | 311.5 | 2.8 | 23.5 | 999.9 | 999.9 | 999.9 |
| 2.7 | 34.9 | 1458.7 | 750.0 | 7.0** | -8.9 | 999.9 | 99.9 | 99.9 | 99.9 | 304.2 | 311.5 | 2.8 | 23.5 | 999.9 | 999.9 | 999.9 |
| 3.6 | 37.8 | 1428.8 | 725.0 | 4.7** | -8.9 | 999.9 | 99.9 | 99.9 | 99.9 | 304.2 | 311.5 | 2.8 | 23.5 | 999.9 | 999.9 | 999.9 |
| 4.6 | 40.7 | 1398.3 | 700.0 | 2.4** | -8.9 | 999.9 | 99.9 | 99.9 | 99.9 | 305.1 | 314.5 | 2.7 | 23.5 | 999.9 | 999.9 | 999.9 |
| 5.5 | 43.7 | 1368.7 | 675.0 | -0.0 | -10.1 | 999.9 | 99.9 | 99.9 | 99.9 | 305.5 | 314.5 | 2.7 | 23.5 | 999.9 | 999.9 | 999.9 |
| 6.5 | 46.8 | 1338.7 | 650.0 | -2.3 | -10.8 | 999.9 | 99.9 | 99.9 | 99.9 | 306.4 | 314.5 | 2.7 | 23.5 | 999.9 | 999.9 | 999.9 |
| 7.4 | 49.8 | 1308.7 | 625.0 | -5.1 | -11.3 | 999.9 | 99.9 | 99.9 | 99.9 | 306.6 | 314.5 | 2.7 | 23.5 | 999.9 | 999.9 | 999.9 |
| 8.7 | 52.9 | 1278.7 | 600.0 | -8.2 | -11.3 | 999.9 | 99.9 | 99.9 | 99.9 | 306.6 | 314.5 | 2.7 | 23.5 | 999.9 | 999.9 | 999.9 |
| 9.8 | 55.9 | 1248.7 | 575.0 | -11.4 | -12.6 | 999.9 | 99.9 | 99.9 | 99.9 | 306.6 | 314.5 | 2.7 | 23.5 | 999.9 | 999.9 | 999.9 |
| 11.2 | 59.0 | 1218.7 | 550.0 | -14.1 | -15.3 | 999.9 | 99.9 | 99.9 | 99.9 | 307.4 | 314.5 | 2.7 | 23.5 | 999.9 | 999.9 | 999.9 |
| 12.6 | 62.3 | 1188.7 | 525.0 | -16.2 | -18.3 | 999.9 | 99.9 | 99.9 | 99.9 | 308.5 | 313.0 | 2.5 | 23.5 | 999.9 | 999.9 | 999.9 |
| 13.8 | 65.5 | 1158.7 | 500.0 | -18.0 | -21.6 | 999.9 | 99.9 | 99.9 | 99.9 | 308.5 | 313.0 | 2.5 | 23.5 | 999.9 | 999.9 | 999.9 |
| 15.1 | 68.9 | 1128.7 | 475.0 | -20.4 | -25.3 | 999.9 | 99.9 | 99.9 | 99.9 | 309.9 | 313.0 | 2.5 | 23.5 | 999.9 | 999.9 | 999.9 |
| 16.5 | 72.3 | 1098.7 | 450.0 | -22.4 | -28.4 | 999.9 | 99.9 | 99.9 | 99.9 | 310.2 | 313.0 | 2.5 | 23.5 | 999.9 | 999.9 | 999.9 |
| 18.2 | 75.9 | 1068.7 | 425.0 | -25.7 | -32.9 | 999.9 | 99.9 | 99.9 | 99.9 | 311.0 | 313.0 | 2.5 | 23.5 | 999.9 | 999.9 | 999.9 |
| 19.9 | 79.4 | 1038.7 | 400.0 | -28.1 | -36.9 | 999.9 | 99.9 | 99.9 | 99.9 | 313.0 | 313.0 | 2.5 | 23.5 | 999.9 | 999.9 | 999.9 |
| 21.7 | 83.2 | 1008.7 | 375.0 | -31.6 | -40.2 | 999.9 | 99.9 | 99.9 | 99.9 | 313.9 | 313.0 | 2.5 | 23.5 | 999.9 | 999.9 | 999.9 |
| 23.5 | 87.0 | 978.7 | 350.0 | -35.7 | -45.7 | 999.9 | 99.9 | 99.9 | 99.9 | 314.4 | 314.4 | 2.5 | 23.5 | 999.9 | 999.9 | 999.9 |
| 25.5 | 91.0 | 948.7 | 325.0 | -39.8 | -49.7 | 999.9 | 99.9 | 99.9 | 99.9 | 315.1 | 315.1 | 2.5 | 23.5 | 999.9 | 999.9 | 999.9 |
| 27.7 | 95.0 | 918.7 | 300.0 | -44.4 | -53.7 | 999.9 | 99.9 | 99.9 | 99.9 | 315.5 | 315.5 | 2.5 | 23.5 | 999.9 | 999.9 | 999.9 |
| 29.9 | 99.3 | 888.7 | 275.0 | -48.3 | -57.9 | 999.9 | 99.9 | 99.9 | 99.9 | 317.4 | 317.4 | 2.5 | 23.5 | 999.9 | 999.9 | 999.9 |
| 32.4 | 103.8 | 858.7 | 250.0 | -50.5 | -61.9 | 999.9 | 99.9 | 99.9 | 99.9 | 322.1 | 322.1 | 2.5 | 23.5 | 999.9 | 999.9 | 999.9 |
| 34.9 | 108.4 | 828.7 | 225.0 | -54.0 | -65.9 | 999.9 | 99.9 | 99.9 | 99.9 | 325.8 | 325.8 | 2.5 | 23.5 | 999.9 | 999.9 | 999.9 |
| 38.0 | 113.4 | 798.7 | 200.0 | -56.3 | -69.9 | 999.9 | 99.9 | 99.9 | 99.9 | 328.8 | 328.8 | 2.5 | 23.5 | 999.9 | 999.9 | 999.9 |
| 41.3 | 118.6 | 768.7 | 175.0 | -57.0 | -73.9 | 999.9 | 99.9 | 99.9 | 99.9 | 332.3 | 332.3 | 2.5 | 23.5 | 999.9 | 999.9 | 999.9 |
| 45.1 | 124.2 | 738.7 | 150.0 | -54.4 | -77.9 | 999.9 | 99.9 | 99.9 | 99.9 | 335.9 | 335.9 | 2.5 | 23.5 | 999.9 | 999.9 | 999.9 |
| 49.8 | 130.5 | 708.7 | 125.0 | -53.7 | -81.9 | 999.9 | 99.9 | 99.9 | 99.9 | 337.4 | 337.4 | 2.5 | 23.5 | 999.9 | 999.9 | 999.9 |
| 54.9 | 137.3 | 678.7 | 100.0 | -57.9 | -85.9 | 999.9 | 99.9 | 99.9 | 99.9 | 339.7 | 339.7 | 2.5 | 23.5 | 999.9 | 999.9 | 999.9 |
| 61.5 | 145.0 | 648.7 | 75.0 | -56.9 | -89.9 | 999.9 | 99.9 | 99.9 | 99.9 | 345.5 | 345.5 | 2.5 | 23.5 | 999.9 | 999.9 | 999.9 |
| 70.1 | 153.3 | 618.7 | 50.0 | -57.5 | -93.9 | 999.9 | 99.9 | 99.9 | 99.9 | 349.5 | 349.5 | 2.5 | 23.5 | 999.9 | 999.9 | 999.9 |
| 84.3 | 162.3 | 588.7 | 25.0 | -52.5 | -99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 358.2 | 358.2 | 2.5 | 23.5 | 999.9 | 999.9 | 999.9 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 ** BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 *** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
 **** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

STATION NO. 562
NORTH PLATTE, NEBRASKA
25 APRIL 1982
500 GMT

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 15.0 | 847.0 | 512.0 | 10.8 | 5.8 | 160.0 | 2.6 | -0.9 | 2.4 | 291.5 | 308.4 | 6.3 | 71.0 | 0.0 | 0.0 |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.4 | 17.2 | 957.9 | 900.0 | 11.7 | 4.6 | 188.6 | 11.4 | 1.7 | 11.3 | 293.6 | 309.6 | 5.8 | 61.6 | 0.2 | 1.0 |
| 1.1 | 19.8 | 1193.3 | 875.0 | 10.6 | 5.1 | 196.3 | 11.6 | 3.2 | 11.1 | 294.8 | 311.8 | 6.3 | 69.0 | 0.6 | 8.0 |
| 2.1 | 22.4 | 1434.7 | 850.0 | 9.6 | 4.3 | 211.8 | 8.9 | 4.7 | 7.6 | 296.2 | 312.9 | 6.2 | 69.6 | 1.2 | 15.0 |
| 2.9 | 25.1 | 1682.2 | 825.0 | 8.4 | 3.3 | 234.7 | 7.0 | 5.7 | 4.0 | 297.5 | 313.7 | 5.9 | 70.0 | 1.6 | 21.0 |
| 3.9 | 27.9 | 1936.3 | 800.0 | 7.1 | 1.4 | 265.1 | 6.5 | 6.5 | 0.6 | 298.7 | 313.4 | 5.3 | 67.0 | 1.8 | 30.0 |
| 4.7 | 30.4 | 2196.9 | 775.0 | 5.3 | 0.2 | 284.1 | 7.8 | 7.6 | -1.9 | 299.5 | 313.5 | 5.0 | 69.5 | 2.0 | 39.0 |
| 5.6 | 33.1 | 2464.1 | 750.0 | 3.5 | 0.8 | 314.5 | 9.0 | 6.4 | -6.3 | 300.3 | 315.5 | 5.4 | 82.7 | 2.2 | 52.0 |
| 6.7 | 35.9 | 2738.4 | 725.0 | 2.1 | 99.9 | 353.3 | 5.2 | 0.7 | -6.2 | 301.8 | 315.5 | 99.9 | 99.9 | 2.2 | 65.0 |
| 7.8 | 38.7 | 3021.2 | 700.0 | 1.5 | -7.7 | 50.2 | 5.2 | -4.0 | -3.4 | 304.1 | 313.1 | 3.1 | 50.4 | 1.9 | 71.0 |
| 9.0 | 41.6 | 3312.9 | 675.0 | -1.0 | -9.2 | 68.5 | 6.0 | -5.6 | -2.4 | 304.6 | 312.9 | 2.8 | 53.7 | 1.9 | 72.0 |
| 10.0 | 44.4 | 3613.0 | 650.0 | -3.3 | -10.6 | 65.5 | 6.7 | -6.1 | -2.8 | 305.3 | 312.8 | 2.5 | 56.7 | 1.1 | 74.0 |
| 11.1 | 47.4 | 3921.7 | 625.0 | -6.3 | -11.6 | 65.3 | 7.3 | -6.6 | -3.1 | 305.6 | 312.8 | 99.9 | 99.9 | 0.6 | 82.0 |
| 12.3 | 50.3 | 4239.6 | 600.0 | -9.1 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 306.0 | 312.8 | 99.9 | 99.9 | 99.9 | 99.9 |
| 13.5 | 53.3 | 4567.1 | 575.0 | -11.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 307.0 | 312.8 | 99.9 | 99.9 | 99.9 | 99.9 |
| 14.8 | 56.4 | 4905.5 | 550.0 | -14.4 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 308.2 | 312.8 | 99.9 | 99.9 | 99.9 | 99.9 |
| 16.1 | 59.5 | 5256.6 | 525.0 | -16.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 309.4 | 312.8 | 99.9 | 99.9 | 99.9 | 99.9 |
| 17.4 | 62.6 | 5621.0 | 500.0 | -19.4 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 310.6 | 312.8 | 99.9 | 99.9 | 99.9 | 99.9 |
| 18.7 | 65.9 | 6000.1 | 475.0 | -22.2 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 311.9 | 312.8 | 99.9 | 99.9 | 99.9 | 99.9 |
| 20.1 | 69.3 | 6395.4 | 450.0 | -25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 313.3 | 312.8 | 99.9 | 99.9 | 99.9 | 99.9 |
| 21.5 | 72.7 | 6808.5 | 425.0 | -27.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 314.5 | 312.8 | 99.9 | 99.9 | 99.9 | 99.9 |
| 23.1 | 76.1 | 7241.4 | 400.0 | -31.2 | -33.5 | 99.9 | 99.9 | 99.9 | 99.9 | 316.1 | 316.4 | 0.6 | 79.4 | 5.9 | 232.0 |
| 24.6 | 79.7 | 7696.0 | 375.0 | -34.3 | -37.2 | 42.8 | 12.0 | -8.2 | -8.8 | 316.1 | 316.4 | 0.4 | 74.8 | 6.9 | 231.0 |
| 26.6 | 83.5 | 8173.9 | 350.0 | -39.0 | -41.1 | 44.7 | 11.3 | -8.0 | -8.1 | 316.1 | 316.4 | 0.2 | 58.0 | 8.3 | 230.0 |
| 28.6 | 87.3 | 8677.3 | 325.0 | -43.2 | 99.9 | 42.7 | 9.3 | -6.3 | -5.0 | 317.2 | 316.4 | 99.9 | 99.9 | 9.5 | 229.0 |
| 30.7 | 91.4 | 9210.9 | 300.0 | -47.8 | 99.9 | 53.8 | 8.4 | -6.8 | -5.0 | 317.9 | 316.4 | 99.9 | 99.9 | 10.7 | 229.0 |
| 32.9 | 95.7 | 9778.4 | 275.0 | -53.2 | 99.9 | 60.6 | 8.4 | -7.3 | -4.1 | 318.2 | 316.4 | 99.9 | 99.9 | 11.8 | 230.0 |
| 35.3 | 100.0 | 10388.5 | 250.0 | -55.5 | 99.9 | 81.6 | 8.1 | -8.0 | -1.2 | 323.6 | 316.4 | 99.9 | 99.9 | 12.9 | 231.0 |
| 38.0 | 104.8 | 11058.0 | 225.0 | -57.1 | 99.9 | 94.7 | 4.8 | -4.8 | 0.4 | 331.0 | 316.4 | 99.9 | 99.9 | 13.6 | 235.0 |
| 40.9 | 109.8 | 11805.0 | 200.0 | -55.6 | 99.9 | 332.6 | 3.5 | 1.6 | -3.1 | 344.7 | 316.4 | 99.9 | 99.9 | 14.1 | 234.0 |
| 43.9 | 115.2 | 12649.8 | 175.0 | -57.9 | 99.9 | 252.5 | 5.9 | 5.6 | 1.8 | 354.4 | 316.4 | 99.9 | 99.9 | 13.6 | 233.0 |
| 47.9 | 121.2 | 13636.1 | 150.0 | -53.0 | 99.9 | 254.7 | 9.8 | 9.5 | 2.6 | 378.8 | 316.4 | 99.9 | 99.9 | 11.9 | 230.0 |
| 52.6 | 128.0 | 14805.5 | 125.0 | -54.9 | 99.9 | 259.7 | 9.0 | 8.8 | 1.6 | 395.7 | 316.4 | 99.9 | 99.9 | 9.5 | 221.0 |
| 57.5 | 135.3 | 16218.3 | 100.0 | -59.2 | 99.9 | 259.1 | 13.1 | 12.9 | 2.5 | 413.4 | 316.4 | 99.9 | 99.9 | 7.2 | 209.0 |
| 64.1 | 144.3 | 18026.9 | 50.0 | -58.0 | 99.9 | 274.1 | 12.0 | 12.0 | -0.5 | 451.3 | 316.4 | 99.9 | 99.9 | 6.5 | 162.0 |
| 72.4 | 154.5 | 20578.8 | 50.0 | -58.8 | 99.9 | 239.9 | 4.4 | 3.8 | 2.2 | 505.1 | 316.4 | 99.9 | 99.9 | 8.5 | 136.0 |
| 85.8 | 165.0 | 24985.7 | 25.0 | -53.9 | 99.9 | 114.9 | 3.0 | -2.7 | 1.3 | 629.7 | 316.4 | 99.9 | 99.9 | 7.6 | 135.0 |

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 ** BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 *** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG
 **** BY TEMP MEANS MISSING DATA STRATUM EXCEEDS 5 CONTACTS

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APPENDIX III

AVE/VAS IV Rawinsonde Data

Interpolated from NWS Significant Level Data

Presented at 25-mb Intervals

C This program interpolates significant level data to 25-mb levels and
C produces output in the same format as other TAMU-processed soundings.

```
REAL A(150,16),PLOG(150),DIR(150),SPD(150),B(50,16)
DIMENSION ISTID(40),STHT(40)
INTEGER MARK(50),NAME(7),NMS(40,7),MB25(50)
INTEGER BLANK /' '/,ZERO /0/,PRTFLG
DO 5 III=1,50
MARK(III)=BLANK
DO 5 KKK=1,16
B(III,KKK)=0.0
5 CONTINUE
```

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C Read the station roster. NR is the number of entries in the roster

```
READ(5,5000) NR
DO 6 IROST=1,NR
READ(5,5001) ISTID(IROST),STHT(IROST),(NMS(IROST,KKZ),KKZ=1,7)
6 CONTINUE
```

C Read the number of soundings to compute. PRTFLG controls printing.

```
READ(5,5002) NSOUND,PRTFLG
```

C Start the main loop by setting initial values in array A

```
DO 1000 ISOUND=1,NSOUND
DO 7 KTMM=1,150
DIR(KTMM)=0.0
SPD(KTMM)=0.0
7 CONTINUE
DO 9 LVL1=1,150
DO 8 ICOL1=1,11
A(LVL1,ICOL1)=99.9
8 CONTINUE
A(LVL1,12)=999.9
A(LVL1,13)=99.9
A(LVL1,14)=999.9
A(LVL1,15)=999.9
A(LVL1,16)=999.
A(LVL1,7)=999.9
9 CONTINUE
```

C Read the header with date,time, and station number. Check against the
C station roster to obtain station name and surface elevation.

```
READ(2,5003) ID2,ID1,ID3,ID4,ID5
DO 12 LOC=1,NR
NHT=LOC
IF(ID5.EQ. ISTID(LOC)) GO TO 21
```

C If station ID is not in roster, write message and terminate program.

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```
12 CONTINUE
   WRITE(4,5004) ID5
   GO TO 1001
21 ZZ=STHT(NHT)
   DO 22 ILET=1,7
     NAME(ILET)=NMS(NHT,ILET)
22 CONTINUE
   KCOUN=0
```

- C Read the first line of the sounding
- C Input is time, pressure, temperature, and dewpoint depression
- C KOUNTR and array MB25 keep track of 25-mb levels included in matrix A

```
READ(2,5005) TM,PR,TP,DD,JUMP
KOUNTR=2
```

- C Put any 25-mb levels before sfc level in array A first

```
PRES=1000.
LINE=1
23 IF (PR-PRES) 24,25,26
24 A(LINE,4)=PRES
   PLOG(LINE)=ALOG(PRES)
   MB25(KOUNTR)=LINE
   PRES=PRES-25.
   KOUNTR=KOUNTR+1
   LINE=LINE+1
   GO TO 23
```

PRESS

- C When a surface level is a 25-mb level, enter the level twice
- C in the array MB25

```
25 MB25(KOUNTR)=LINE
   KOUNTR=KOUNTR+1
   PRES=PRES-25
26 MB25(1)=LINE
   INTRP=LINE+1
```

- C INTRP is the first level that can be interpolated
- C Enter data into array A

```
27 A(LINE,3)=ZZ
   A(LINE,1)=TM
   A(LINE,4)=PR
   PLOG(LINE)=ALOG(PR)
   A(LINE,5)=TP
   A(LINE,6)=DD
   KCOUN=KCOUN+1
```

HEIGHT
TIME
PRESS

TEMP
DWPDEP
SIGLVL

- C A nonblank value of JUMP signals the end of thermo data

```
IF(JUMP.NE.BLANK) GO TO 30
LINE=LINE+1
```

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C Read the next significant level (if any) and see if its pressure
C is greater than PRES (current 25-mb level)

```
      READ(2,5005) TM,PR,TP,DD,JUMP  
28 IF (PR-PRES) 29,20,27
```

C Add 25-mb levels with pressures greater than the sig. level pressure
C Put the line numbers in array MB25

```
29 A(LINE,4)=PRES                                PRESS  
   PLOG(LINE)=ALOG(PRES)  
   MB25(KOUNTR)=LINE  
   PRES=PRES-25  
   KOUNTR=KOUNTR+1  
   LINE=LINE+1  
   GO TO 28
```

C When a significant level is also a 25-mb level, its line number is
C also entered in the array MB25.

```
20 MB25(KOUNTR)=LINE  
   PRES=PRES-25  
   KOUNTR=KOUNTR+1  
   GO TO 27
```

C All lines (both significant and 25-mb) are now entered in matrix A

```
30 MYEND=LINE
```

C Now add any missing 25-mb levels to the end of matrix A, and put
C their line numbers in array MB25.

```
      DO 300 LNNO=KOUNTR,41  
      LINE=LINE+1  
      A(LINE,4)=PRES  
      MB25(LNNO)=LINE  
      PRES=PRES-25  
300 CONTINUE  
      LAST=KOUNTR-1
```

C Now begin logarithmic interpolation of missing values

```
      DO 39 NTR=INTRP,MYEND  
      IF (A(NTR,5) .NE. 99.9) GO TO 39  
      DO 31 ILVE=NTR,MYEND  
      LVE=ILVE  
      IF (A(LVE,5) .NE. 99.9) GO TO 32  
31 CONTINUE
```

C NTR is the level being interpolated. LVE is the first significant
C level after NTR. (The first level with thermo data)

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9
Y

```
32 DTKT=(PLOG (NTR) -PLOG (NTR-1)) / (PLOG (LVE) -PLOG (NTR-1))
   A (NTR,1)=A (NTR-1,1)+DTKT*(A (LVE,1)-A (NTR-1,1))
   A (NTR,5)=A (NTR-1,5)+DTKT*(A (LVE,5)-A (NTR-1,5))
   A (NTR,6)=A (NTR-1,6)+DTKT*(A (LVE,6)-A (NTR-1,6))
   IF (A (LVE,6) .EQ. 99.9 .OR. A (NTR-1,6) .EQ. 99.9) A (NTR,6)=99.9
```

TIME
TEMP
DWPDEP

```
39 CONTINUE
   ISTAR=INTRP-1
```

- C Compute other thermodynamic variables; start at surface level
C These equations are basically the same as in Fuelberg's program

```
DO 40 NV=ISTAR,MYEND
   IF (A (NV,5) .EQ. 99.9) GO TO 40
   TK=A (NV,5)+273.16
   TV=TK
   A (NV,11) =TK*(1000.0/A (NV,4))**0.286
   IF (A (NV,6) .EQ. 99.9) GO TO 35
   IF (A (NV,6) .GT. 30.) A (NV,6)=30.
   TD=A (NV,5)-A (NV,6)
   E=6.11*10**((7.5*TD)/(237.3+TD))
   ES=6.11*10**((7.5*A (NV,5))/(237.3+A (NV,5)))
   RH=100.*E/ES
   IF (RH .GT. 100.) RH=100.
   A (NV,14)=RH
   XX=(.623*E)/(A (NV,4)-E)
   CP=.240*(1.0+.084*XX)
   TSC=TD-(0.212+0.001571*TD-.000436*A (NV,5))*A (NV,6)
   TSA=TSC+273.16
   EL=597.3-0.566*TSC
   A (NV,12)=A (NV,11)*EXP((EL*XX)/(CP*TSA))
   IF (A (NV,12) .LT. A (NV,11)) A (NV,12)=A (NV,11)
   A (NV,13)=XX*1000.
   A (NV,6)=TD
   TV=TK/(1.0-(0.379*(E/A (NV,4))))
35 IF (NV .EQ. ISTAR) GO TO 38
   TMI=(TV+TVPRE)/2.
   DZ=29.29086*TMI*ALOG (A (NV-1,4)/A (NV,4))
   ZZ=ZZ+DZ
   A (NV,3)=ZZ
38 TVPRE=TV
40 CONTINUE
   NTM=0
```

KELVIN

POT T

DEWPT

RH (%)

MX RTO

THETA

MX RTO

DEWPT

VIRT T

THICK

HEIGHT

- C Now read in 1-min winds; input is time,direction,and speed (kts)

```
DO 70 ITM=1,150
   READ (2,5006) JTYM,ADIR,ASPD,JUMP
```

- C Check that the proper time was read. DIR,SPD entered in array by time.

```
   IF (NTM .EQ. JTYM) GO TO 69
   WRITE (4,5012) ID2,ID1,ID3,ID4,ID5,NTM,JTYM
69 NTM=JTYM+1
```

DIR (NTM) = A DIR
SPD (NTM) = ASPD / 1.9424

KT-M/S

C A nonblank value of JUMP signals the end of wind data

IF (JUMP.NE.BLANK) GO TO 71
70 CONTINUE

C Interpolate winds to 25-mb levels linearly with respect to time.

C U- and V-components are interpolated.

71 DO 75 ITIM=2, LAST
NIT=MB25 (ITIM)
IF (NIT.LT.INTRP) GO TO 75
IT=A (NIT, 1)+1.0
IF (IT .GE. NTM) GO TO 76

C If missing data, leave 99.9's in interpolated levels

IF (DIR (IT) .EQ. 0.0 .AND. SPD (IT) .EQ. 0.0) GO TO 75
IF (DIR (IT+1) .EQ. 0.0 .AND. SPD (IT+1) .EQ. 0.0) GO TO 75
CALL UVCMP (DIR (IT), SPD (IT), U1, V1)
CALL UVCMP (DIR (IT+1), SPD (IT+1), U2, V2)
DT=A (NIT, 1) - IT + 1.0
ULV=U1+DT*(U2-U1)
VLV=V1+DT*(V2-V1)
A (NIT, 9)=ULV
A (NIT, 10)=VLV
CALL DIRSPD (ULV, VLV, WDD, WSS)
A (NIT, 7)=WDD
A (NIT, 8)=WSS

UCOMP
VCOMP

DIRECT
SPEED

75 CONTINUE

76 MIT=MB25 (1)
CALL UVCMP (DIR (1), SPD (1), A (MIT, 9), A (MIT, 10))
A (MIT, 7)=DIR (1)
A (MIT, 8)=SPD (1)

DIRECT
SPEED

C Prepare to write the 25-mb levels

CALL MOPRT (ID2, NIX, NIY, NIZ)
IM=1

C Separate 25-mb levels by putting in B matrix

DO 80 KOL=1, 16
DO 80 LYN=1, 41
NNN=MB25 (LYN)
B (LYN, KOL) = A (NNN, KOL)
80 CONTINUE

C Write to disk or tape

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WRITE (3) ID5, NAME, ID1, NIX, NIY, NIZ, ID3, ID4, ZERO, PR, IM,
1 ((B(I, J), I=1, 50), J=1, 5), (MARK(I), I=1, 50), ((B(I, J), I=1, 50),
2J=6, 8), (MARK(I), I=1, 50), ((B(I, J), I=1, 50), J=9, 16)

C Print sounding (if PRTFLG is blank or zero)

```

      IF (PRTFLG .NE. 0) GO TO 990
      WRITE (6, 5007) ID5, (NAME(I), I=1, 7), ID1, NIX, NIY, NIZ, ID3, ID4, PR, IM
      WRITE (6, 5008)
      WRITE (6, 5009)
      WRITE (6, 5010)
      DO 90 LN=1, 41
      WRITE (6, 5011) (B(LN, I), I=1, 5), (B(LN, I), I=6, 8),
1 (B(LN, I), I=9, 16)
    90 CONTINUE
  990 CONTINUE
      CALL PLOT (B, NAME, ID1, NIX, NIY, NIZ, ID4, ID5)
1000 CONTINUE
1001 CONTINUE
      STOP
5000 FORMAT (I2)
5001 FORMAT (I5, 1X, F5.0, 28X, 7A4)
5002 FORMAT (I3, 1X, I1)
5003 FORMAT (3(I2, 1X), I4, 1X, I5)
5004 FORMAT (10X, 'STATION ID IS NOT IN ROSTER; ID IS ', I5)
5005 FORMAT (F7.3, 1X, F6.1, 1X, F5.1, 1X, F4.1, A1)
5006 FORMAT (I3, 1X, F3.0, 1X, F3.0, A1)
5007 FORMAT ('I', 56X, 'STATION NO. ', I5, '/', 51X, 7A4, '//',
157X, I2, 2X, 3A3, 'I9', I2, '/', 61X, I4, 1X, 'GMT', 54X, F5.0, 2X, I1)
5008 FORMAT ('O', 'DATA INTERPOLATED FROM NWS SIGNIFICANT LEVEL DATA')
5009 FORMAT ('O', 'TIME', 4X, 'CNTCT', 4X, 'HEIGHT', 4X, 'PRES',
15X, 'TEMP', 3X, 'DEW PT', 4X, 'DIR', 4X, 'SPEED', 3X,
2'U COMP', 3X, 'V COMP', 3X, 'POT T', 3X, 'E POT T',
33X, 'MX RTO', 5X, 'RH', 4X, 'RANGE', 2X, 'AZ')
5010 FORMAT (' ', 1X, 'MIN', 15X, 'GPM', 6X, 'MB', 6X, 'DG C',
14X, 'DG C', 6X, 'DG', 4X, 'M/SEC', 4X, 'M/SEC', 4X,
2'M/SEC', 4X, 'DG K', 4X, 'DG K', 6X, 'GM/KG', 4X,
3'PCT', 6X, 'KM', 3X, 'DG', '/')
5011 FORMAT (' ', F5.1, 3X, F5.1, 3X, F7.1, 3X, F6.1, 3X, F5.1,
14X, F5.1, 3X, F5.1, 3X, F5.1, 3X, F6.1, 3X, F6.1,
23X, F5.1, 4X, F5.1, 5X, F4.1, 4X, F5.1, 3X, F5.1, 1X, F4.0)
5012 FORMAT (10X, 3(I2, 1X), I4, 1X, I5, ': DOES NOT ALIGN AT NTM = ', I3,
1' AND TIME = ', I3)
      END

```

```

SUBROUTINE MOPRT (IX, IA, IB, IC)
  DIMENSION IM1(12), IM2(12), IM3(12)
  DATA IM1/3HJAN, 3HFEB, 3HMAR, 3HAPR, 3HMAY, 3HJUN, 3HJUL, 3HAUG, 3HSEP,
13HOCT, 3HNOV, 3HDEC/
  DATA IM2/3HUAR, 3HRUA, 3HCH, 3HIL, 3H, 3HE, 3HY, 3HUST,
13HTEM, 3HOBE, 3HEMB, 3HEMB/
  DATA IM3/3HY, 3HRY, 6*3H, 3HBER, 3HR, 3HER, 3HER /

```


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```
II=IX
IA=IM1(II)
IB=IM2(II)
IC=IM3(II)
RETURN
END
```

```
SUBROUTINE UVCMP (DIR,SPD,UCMP,VCMP)
ANG=DIR/57.29578
UCMP=-SPD*SIN(ANG)
VCMP=-SPD*COS(ANG)
RETURN
END
```

```
SUBROUTINE DIRSPD (U,V,DIR,SPD)
SPD=SQRT(U**2+V**2)
IF (U .EQ. 0.0) GO TO 3
IF (V .EQ. 0.0) GO TO 4
DIR=ATAN2(V,U)*57.29578
DIR=270.-DIR
IF (DIR.GT.360) DIR=DIR-360
GO TO 5
3 DIR=180.
IF (V .LE. 0.0) DIR=360.
GO TO 5
4 DIR=270.
IF (U .LT. 0.0) DIR=90.
5 RETURN
END
```

```
SUBROUTINE PLOT (B,NAME,ID1,IX,IY,IZ,ID4,ID5)
```

C This routine prints 25-mb data in a form easily plotted

```
DIMENSION B(50,16),C(7,5)
INTEGER NAME(7)
I=8
DO 300 L=1,7
C(L,1)=B(I,5)
```

C Temperature

```
C(L,2)=B(I,5)-B(I,6)
```

C Dew point depression

```
IF ((B(I,5).EQ.99.9).OR.(B(I,6).EQ.99.9)) C(L,2)=99.9
C(L,3)=B(I,3)
```

C Height of the pressure surface

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```
IF ((B(1,3).EQ.99.9).OR.(B(1,3).EQ.999.9)) C(L,3)=999.  
C(L,4)=B(1,7)
```

C Wind direction

```
IF ((B(1,7).EQ.99.9).OR.(B(1,7).EQ.999.9)) C(L,4)=999.  
C(L,5)=B(1,8)*1.9424
```

C Wind speed in knots

```
IF ((B(1,8).EQ.99.9).OR.(B(1,8).EQ.999.9)) C(L,5)=999.  
IF (L.EQ.1) I=14  
IF (L.EQ.2) I=22  
IF (L.EQ.3) I=26  
IF (L.EQ.4) I=30  
IF (L.EQ.5) I=34  
IF (L.EQ.6) I=38
```

300 CONTINUE

C Print the results. Unit 4 is used so this printout will be separate
C from the sounding tabulation (unit 6).

```
WRITE(4,901) ID5, (NAME(LN), LN=1,7), ID1, IX, IY, IZ, ID4  
901 FORMAT('O', I5, 3X, 7A4, 3X, I2, 2X, 3A3, 2X, I4, 'GMT')  
WRITE(4,902)  
902 FORMAT(' ', IX, '850', 8X, '700', 8X, '500', 8X, '400', 8X, '300',  
18X, '200', 8X, '100')  
DO 600 LN=1,2  
WRITE(4,903) (C(LJ, LN), LJ=1,7)  
903 FORMAT(' ', IX, 7(F5.1, 6X))  
600 CONTINUE  
DO 700 LN=3,5  
WRITE(4,904) (C(LJ, LN), LJ=1,7)  
904 FORMAT(' ', 7(F6.0, 5X))  
700 CONTINUE  
500 CONTINUE  
RETURN  
END
```

Station roster (read in on unit 5)

24
00232 001.0
00235 091.0
00240 005.0
00247 124.0
00255 033.0
00260 399.0
00261 314.0

BOOTHVILLE, LOUISIANA
JACKSON, MISSISSIPPI
LAKE CHARLES, LOUISIANA
LONGVIEW, TEXAS
VICTORIA, TEXAS
STEPHENVILLE, TEXAS
DEL RIO, TEXAS

00265 873.0
 00270 1193.
 00274 787.0
 00340 172.0
 00349 438.0
 00353 392.0
 00363 1094.
 00365 1619.
 00374 1487.
 00433 175.0
 00451 791.0
 00456 268.0
 00469 1611.
 00476 1472.
 00532 200.0
 00553 400.0
 00562 847.0
 071 1

MIDLAND, TEXAS
 EL PASO, TEXAS
 TUCSON, ARIZONA
 LITTLE ROCK, ARKANSAS
 MONETT, MISSOURI
 OKLAHOMA CITY, OKLAHOMA
 AMARILLO, TEXAS
 ALBUQUERQUE, NEW MEXICO
 WINSLOW, ARIZONA
 SALEM, ILLINOIS
 DODGE CITY, KANSAS
 TOPEKA, KANSAS
 DENVER, COLORADO
 GRAND JUNCTION, COLORADO
 PEORIA, ILLINOIS
 OMAHA, NEBRASKA
 NORTH PLATTE, NEBRASKA

Sample sounding data (read in on unit 2)

04 24 82 1100 00232
 000.000 1019.3 017.1 02.2
 000.300 1008.0 019.2 02.6
 000.500 1000.0 018.8 03.0
 002.100 0952.0 015.1 01.6
 002.700 0931.0 014.3 03.0
 003.300 0916.0 013.3 01.5
 005.600 0850.0 011.2 02.0
 006.900 0813.0 009.4 01.2
 008.400 0774.0 009.2 08.5
 010.100 0735.0 006.7 05.9
 011.700 0700.0 004.5 06.4
 012.700 0678.0 002.8 06.2
 013.100 0670.0 002.1 08.5
 014.300 0646.0 -00.2 05.3
 015.300 0624.0 -01.0 13.5
 016.200 0607.0 -02.4 11.8
 017.300 0584.0 -05.0 04.5
 018.600 0559.0 -07.5 04.5
 019.400 0542.0 -08.8 03.3
 020.400 0526.0 -09.7 04.6
 021.700 0500.0 -13.3 04.5
 022.700 0483.0 -15.3 02.5
 022.900 0477.0 -14.7 30.0
 024.600 0450.0 -17.3 16.4
 026.300 0424.0 -20.7 30.0
 027.200 0409.0 -22.0 12.6
 027.900 0400.0 -23.2 08.1
 028.900 0385.0 -24.3 11.0

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| | | | |
|---------|--------|-------|-------|
| 031.200 | 0353.0 | -29.6 | 08.9 |
| 032.300 | 0340.0 | -31.9 | 06.0 |
| 033.300 | 0326.0 | -34.2 | 06.9 |
| 034.700 | 0307.0 | -37.9 | 04.9 |
| 035.300 | 0300.0 | -39.3 | 04.9 |
| 039.100 | 0257.0 | -49.0 | 99.9 |
| 039.700 | 0250.0 | -49.9 | 99.9 |
| 045.100 | 0200.0 | -59.4 | 99.9 |
| 046.900 | 0185.0 | -62.5 | 99.9 |
| 048.900 | 0169.0 | -62.3 | 99.9 |
| 050.500 | 0157.0 | -59.8 | 99.9 |
| 051.500 | 0150.0 | -60.7 | 99.9 |
| 055.300 | 0127.0 | -62.5 | 99.9 |
| 058.100 | 0109.0 | -67.7 | 99.9 |
| 059.900 | 0100.0 | -66.6 | 99.9 |
| 063.100 | 0085.0 | -71.9 | 99.9 |
| 066.600 | 0070.0 | -66.2 | 99.9 |
| 072.700 | 0050.0 | -62.7 | 99.9 |
| 075.700 | 0042.0 | -61.8 | 99.9 |
| 081.300 | 0030.0 | -53.9 | 99.9 |
| 087.600 | 0020.0 | -49.7 | 99.9 |
| 091.400 | 0016.0 | -44.5 | 99.9 |
| 093.600 | 0013.5 | -45.3 | 99.9* |
| 000 | 110 | 008 | |
| 001 | 099 | 019 | |
| 002 | 107 | 017 | |
| 003 | 120 | 012 | |
| 004 | 147 | 009 | |
| 005 | 183 | 007 | |
| 006 | 204 | 008 | |
| 007 | 236 | 006 | |
| 008 | 265 | 008 | |
| 009 | 267 | 010 | |
| 010 | 258 | 012 | |
| 011 | 244 | 013 | |
| 012 | 239 | 013 | |
| 013 | 243 | 014 | |
| 014 | 252 | 013 | |
| 015 | 261 | 013 | |
| 016 | 269 | 016 | |
| 017 | 268 | 021 | |
| 018 | 271 | 023 | |
| 019 | 269 | 028 | |
| 020 | 258 | 035 | |
| 021 | 256 | 038 | |
| 022 | 257 | 038 | |
| 023 | 260 | 032 | |
| 024 | 265 | 024 | |
| 025 | 262 | 024 | |
| 026 | 261 | 031 | |
| 027 | 265 | 034 | |
| 028 | 276 | 033 | |
| 029 | 287 | 031 | |

STATION NO. 232
BOOTHVILLE, LOUISIANA

24 APRIL 1982
1100 GMT

DATA INTERPOLATED FROM NWS SIGNIFICANT LEVEL DATA

0 14

| TIME MIN | QNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RIO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 99.9 | 1.0 | 1019.3 | 17.1 | 14.9 | 110.0 | 4.1 | -3.9 | 1.4 | 288.7 | 315.8 | 10.5 | 86.9 | 99.9 | 999.9 |
| 0.5 | 99.9 | 165.4 | 1000.0 | 18.8 | 15.8 | 102.3 | 6.9 | -6.8 | 1.5 | 292.0 | 321.6 | 11.4 | 82.7 | 999.9 | 999.9 |
| 1.3 | 99.9 | 382.7 | 975.0 | 16.9 | 14.6 | 101.4 | 9.4 | -9.2 | 1.9 | 292.2 | 320.4 | 10.8 | 86.4 | 999.9 | 999.9 |
| 2.2 | 99.9 | 604.0 | 950.0 | 15.0 | 13.3 | 108.5 | 8.3 | -7.9 | 2.6 | 292.4 | 319.2 | 10.2 | 89.4 | 999.9 | 999.9 |
| 2.9 | 99.9 | 830.0 | 925.0 | 13.9 | 11.5 | 118.9 | 6.3 | -5.5 | 3.1 | 293.5 | 318.1 | 9.3 | 85.4 | 999.9 | 999.9 |
| 3.8 | 99.9 | 1061.2 | 900.0 | 12.8 | 11.2 | 141.7 | 4.8 | -3.0 | 3.3 | 294.7 | 319.6 | 9.3 | 89.9 | 999.9 | 999.9 |
| 4.7 | 99.9 | 1298.1 | 875.0 | 12.0 | 10.2 | 170.7 | 3.7 | -0.6 | 3.7 | 296.3 | 320.4 | 9.0 | 88.7 | 999.9 | 999.9 |
| 5.6 | 99.9 | 1541.2 | 850.0 | 11.2 | 9.2 | 196.3 | 3.9 | 1.1 | 3.7 | 297.9 | 321.3 | 8.7 | 87.5 | 999.9 | 999.9 |
| 6.5 | 99.9 | 1790.6 | 825.0 | 10.0 | 8.5 | 216.8 | 3.5 | 2.1 | 2.8 | 299.2 | 322.4 | 8.5 | 90.6 | 999.9 | 999.9 |
| 7.4 | 99.9 | 2046.6 | 800.0 | 9.3 | 5.7 | 249.4 | 3.4 | 3.2 | 1.2 | 301.1 | 321.1 | 7.2 | 90.6 | 999.9 | 999.9 |
| 8.4 | 99.9 | 2310.2 | 775.0 | 9.2 | 0.9 | 265.8 | 4.4 | 4.5 | 0.7 | 303.7 | 318.8 | 5.3 | 56.0 | 999.9 | 999.9 |
| 9.4 | 99.9 | 2581.6 | 750.0 | 7.7 | 0.8 | 262.7 | 5.6 | 5.5 | 0.3 | 304.9 | 320.4 | 5.4 | 61.5 | 999.9 | 999.9 |
| 10.5 | 99.9 | 2860.6 | 725.0 | 6.1 | 0.0 | 250.0 | 6.4 | 9.0 | 2.2 | 306.1 | 321.4 | 5.3 | 65.1 | 999.9 | 999.9 |
| 11.7 | 99.9 | 3147.6 | 700.0 | 4.5 | -1.9 | 240.5 | 6.7 | 5.8 | 3.3 | 307.5 | 321.3 | 4.8 | 63.1 | 999.9 | 999.9 |
| 12.8 | 99.9 | 3443.2 | 675.0 | 2.5 | -4.5 | 242.9 | 7.1 | 6.3 | 3.3 | 308.5 | 320.4 | 4.1 | 59.6 | 999.9 | 999.9 |
| 14.1 | 99.9 | 3747.4 | 650.0 | 0.2 | -5.7 | 252.4 | 6.7 | 6.4 | 2.0 | 309.2 | 320.6 | 3.9 | 64.7 | 999.9 | 999.9 |
| 15.3 | 99.9 | 4061.2 | 625.0 | -1.0 | -14.1 | 268.4 | 9.6 | 7.0 | 0.8 | 311.4 | 317.7 | 2.1 | 36.1 | 999.9 | 999.9 |
| 16.5 | 99.9 | 4385.8 | 600.0 | -3.2 | -12.8 | 268.4 | 9.6 | 9.6 | 0.3 | 312.4 | 319.8 | 2.4 | 47.3 | 999.9 | 999.9 |
| 17.8 | 99.9 | 4721.2 | 575.0 | -5.9 | -10.4 | 270.3 | 11.6 | 11.6 | -0.1 | 313.1 | 322.3 | 3.0 | 70.4 | 999.9 | 999.9 |
| 19.0 | 99.9 | 5068.2 | 550.0 | -8.2 | -12.1 | 268.7 | 14.5 | 14.5 | 0.3 | 314.4 | 322.9 | 2.8 | 73.5 | 999.9 | 999.9 |
| 20.4 | 99.9 | 5428.7 | 525.0 | -9.8 | -14.4 | 257.1 | 18.7 | 18.2 | 4.2 | 316.6 | 322.1 | 2.4 | 68.7 | 999.9 | 999.9 |
| 21.7 | 99.9 | 5803.0 | 500.0 | -13.3 | -17.8 | 256.7 | 19.6 | 19.0 | 4.5 | 316.8 | 322.8 | 1.9 | 63.3 | 999.9 | 999.9 |
| 23.0 | 99.9 | 6191.9 | 475.0 | -14.9 | -17.8 | 260.1 | 16.4 | 16.1 | 2.8 | 319.6 | 320.1 | 0.2 | 22.3 | 999.9 | 999.9 |
| 24.6 | 99.9 | 6599.1 | 450.0 | -17.3 | -33.7 | 263.2 | 12.4 | 12.3 | 1.5 | 321.5 | 323.2 | 0.1 | 5.1 | 999.9 | 999.9 |
| 26.2 | 99.9 | 7024.8 | 425.0 | -20.6 | -50.0 | 262.0 | 16.3 | 16.2 | 2.3 | 322.6 | 323.0 | 0.1 | 47.1 | 999.9 | 999.9 |
| 27.9 | 99.9 | 7471.3 | 400.0 | -23.2 | -31.3 | 274.9 | 17.0 | 17.0 | -1.4 | 324.8 | 327.3 | 0.5 | 36.8 | 999.9 | 999.9 |
| 29.6 | 99.9 | 7941.9 | 375.0 | -25.9 | -38.4 | 287.0 | 17.2 | 16.4 | -5.0 | 327.3 | 328.9 | 0.4 | 44.1 | 999.9 | 999.9 |
| 31.5 | 99.9 | 8437.4 | 350.0 | -30.1 | -38.4 | 285.0 | 23.3 | 22.5 | -4.1 | 329.1 | 329.6 | 0.4 | 49.7 | 999.9 | 999.9 |
| 33.4 | 99.9 | 8960.3 | 325.0 | -34.4 | -41.2 | 278.5 | 27.7 | 27.4 | -1.0 | 329.3 | 330.4 | 0.3 | 59.1 | 999.9 | 999.9 |
| 35.3 | 99.9 | 9514.5 | 300.0 | -39.3 | -44.2 | 272.0 | 29.4 | 29.4 | 1.4 | 330.0 | 330.9 | 0.2 | 999.9 | 999.9 | 999.9 |
| 37.4 | 99.9 | 10103.6 | 275.0 | -44.8 | 99.9 | 267.5 | 33.3 | 33.3 | 5.0 | 331.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 39.7 | 99.9 | 10733.2 | 250.0 | -49.9 | 99.9 | 261.6 | 34.5 | 34.2 | 2.8 | 335.2 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 42.1 | 99.9 | 11415.3 | 225.0 | -54.4 | 99.9 | 264.8 | 30.4 | 30.2 | 2.8 | 338.7 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 45.1 | 99.9 | 12161.4 | 200.0 | -59.4 | 99.9 | 264.8 | 31.7 | 31.5 | 5.3 | 347.0 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 48.1 | 99.9 | 12989.0 | 175.0 | -62.4 | 99.9 | 261.6 | 42.0 | 41.6 | 5.3 | 355.5 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 51.5 | 99.9 | 13946.4 | 150.0 | -64.7 | 99.9 | 260.0 | 30.4 | 29.9 | 2.9 | 360.8 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 55.6 | 99.9 | 15075.7 | 125.0 | -63.0 | 99.9 | 264.1 | 28.6 | 28.5 | -1.9 | 369.1 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 59.9 | 99.9 | 16429.3 | 100.0 | -66.6 | 99.9 | 276.0 | 17.8 | 17.7 | 3.6 | 429.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 65.4 | 99.9 | 18144.6 | 75.0 | -68.2 | 99.9 | 249.8 | 10.6 | 9.9 | 0.4 | 495.8 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 72.7 | 99.9 | 20617.7 | 50.0 | -62.7 | 99.9 | 259.0 | 1.8 | 1.8 | 0.1 | 635.1 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 84.1 | 99.9 | 24992.7 | 25.0 | -52.0 | 99.9 | 265.0 | 0.6 | 0.6 | | | | | | | |

ORIGINAL PAGE 19
OF POOR QUALITY

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 232
BOOTHVILLE, LOUISIANA

24 APRIL 1982
2300 GMT

DATA INTERPOLATED FROM NWS SIGNIFICANT LEVEL DATA

0 24.

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POI T DG K | E POI T DG K | MX RIO CM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 99.9 | 1.0 | 1015.6 | 19.7 | 19.0 | 110.0 | 5.1 | -4.8 | 1.8 | 291.6 | 327.2 | 13.8 | 95.7 | 999.9 | 999.9 |
| 0.4 | 99.9 | 134.9 | 1020.0 | 19.6 | 19.0 | 110.6 | 8.2 | -7.7 | 2.9 | 292.8 | 329.1 | 14.0 | 96.3 | 999.9 | 999.9 |
| 1.0 | 99.9 | 353.3 | 950.0 | 18.5 | 17.9 | 111.5 | 12.8 | -11.9 | 4.7 | 293.8 | 328.7 | 13.4 | 96.1 | 999.9 | 999.9 |
| 1.7 | 99.9 | 576.5 | 950.0 | 17.4 | 16.7 | 120.6 | 12.4 | -10.7 | 6.3 | 294.8 | 328.2 | 12.7 | 95.9 | 999.9 | 999.9 |
| 2.4 | 99.9 | 804.7 | 925.0 | 16.2 | 15.5 | 129.7 | 11.3 | -8.7 | 7.2 | 295.9 | 327.9 | 12.1 | 95.6 | 999.9 | 999.9 |
| 3.1 | 99.9 | 1038.1 | 900.0 | 15.0 | 14.3 | 140.8 | 9.7 | -6.2 | 7.5 | 297.0 | 327.5 | 11.5 | 95.4 | 999.9 | 999.9 |
| 3.8 | 99.9 | 1276.9 | 875.0 | 13.8 | 13.0 | 150.6 | 9.3 | -4.6 | 8.1 | 298.1 | 327.2 | 10.9 | 95.1 | 999.9 | 999.9 |
| 4.5 | 99.9 | 1521.6 | 850.0 | 12.5 | 11.7 | 166.1 | 8.8 | -2.1 | 8.5 | 299.3 | 327.0 | 10.2 | 94.9 | 999.9 | 999.9 |
| 5.3 | 99.9 | 1772.3 | 825.0 | 11.3 | 10.5 | 185.9 | 9.2 | 0.9 | 9.2 | 300.5 | 327.0 | 9.7 | 94.8 | 999.9 | 999.9 |
| 6.1 | 99.9 | 2029.5 | 800.0 | 10.0 | 9.2 | 199.7 | 10.9 | 3.7 | 10.3 | 301.8 | 327.0 | 9.2 | 94.6 | 999.9 | 999.9 |
| 7.0 | 99.9 | 2293.7 | 775.0 | 8.7 | 7.9 | 203.9 | 11.8 | 4.8 | 10.8 | 303.1 | 327.2 | 8.7 | 94.4 | 999.9 | 999.9 |
| 7.8 | 99.9 | 2565.0 | 750.0 | 7.3 | 6.5 | 210.4 | 12.2 | 5.2 | 10.5 | 304.5 | 327.2 | 8.1 | 94.2 | 999.9 | 999.9 |
| 8.5 | 99.9 | 2844.0 | 725.0 | 5.7 | 4.9 | 215.9 | 12.6 | 7.4 | 10.2 | 305.7 | 326.9 | 7.5 | 94.0 | 999.9 | 999.9 |
| 9.2 | 99.9 | 3131.1 | 700.0 | 4.1 | 3.2 | 220.2 | 13.0 | 8.4 | 9.9 | 307.0 | 326.7 | 6.9 | 93.8 | 999.9 | 999.9 |
| 10.0 | 99.9 | 3426.5 | 675.0 | 2.0 | 1.1 | 220.7 | 13.5 | 8.8 | 10.2 | 307.9 | 325.6 | 6.2 | 93.5 | 999.9 | 999.9 |
| 10.9 | 99.9 | 3730.6 | 650.0 | -0.2 | -1.1 | 213.7 | 15.2 | 8.4 | 12.7 | 308.8 | 324.6 | 5.4 | 93.1 | 999.9 | 999.9 |
| 11.8 | 99.9 | 4044.0 | 625.0 | -1.9 | -2.9 | 208.9 | 16.3 | 7.9 | 14.2 | 310.3 | 324.9 | 5.0 | 92.7 | 999.9 | 999.9 |
| 12.7 | 99.9 | 4368.7 | 600.0 | -2.9 | -4.0 | 205.8 | 18.5 | 7.2 | 14.8 | 312.8 | 326.9 | 4.8 | 92.4 | 999.9 | 999.9 |
| 13.7 | 99.9 | 4705.9 | 575.0 | -4.0 | -5.1 | 205.0 | 19.7 | 6.5 | 14.3 | 315.3 | 329.0 | 4.6 | 92.0 | 999.9 | 999.9 |
| 14.7 | 99.9 | 5056.0 | 550.0 | -5.9 | -7.1 | 208.4 | 14.7 | 6.5 | 13.2 | 317.1 | 329.6 | 4.1 | 91.3 | 999.9 | 999.9 |
| 15.8 | 99.9 | 5419.6 | 525.0 | -8.0 | -9.2 | 208.6 | 14.4 | 6.9 | 12.7 | 318.9 | 330.7 | 3.6 | 90.4 | 999.9 | 999.9 |
| 16.9 | 99.9 | 5797.9 | 500.0 | -10.1 | -11.5 | 213.5 | 15.8 | 8.7 | 13.2 | 320.7 | 330.1 | 3.2 | 89.4 | 999.9 | 999.9 |
| 18.0 | 99.9 | 6192.0 | 475.0 | -12.6 | -14.1 | 219.0 | 19.0 | 13.0 | 14.8 | 322.4 | 331.0 | 2.7 | 88.0 | 999.9 | 999.9 |
| 19.2 | 99.9 | 6603.2 | 450.0 | -15.1 | -16.9 | 227.1 | 18.0 | 13.2 | 12.2 | 324.2 | 331.5 | 2.3 | 86.4 | 999.9 | 999.9 |
| 20.4 | 99.9 | 7033.4 | 425.0 | -17.9 | -19.8 | 243.6 | 19.1 | 17.1 | 8.5 | 326.0 | 332.2 | 1.9 | 84.7 | 999.9 | 999.9 |
| 21.8 | 99.9 | 7483.5 | 400.0 | -22.5 | -31.7 | 255.0 | 21.1 | 20.4 | 5.5 | 325.8 | 328.1 | 0.7 | 82.6 | 999.9 | 999.9 |
| 23.2 | 99.9 | 7956.0 | 375.0 | -28.7 | -38.5 | 255.4 | 19.5 | 18.8 | 4.9 | 328.9 | 331.6 | 0.8 | 80.2 | 999.9 | 999.9 |
| 24.7 | 99.9 | 8454.0 | 350.0 | -36.9 | -45.5 | 255.5 | 20.1 | 19.5 | 5.0 | 329.8 | 331.6 | 0.5 | 78.1 | 999.9 | 999.9 |
| 26.3 | 99.9 | 8979.3 | 325.0 | -43.7 | -52.5 | 253.1 | 25.4 | 24.3 | 7.4 | 330.3 | 331.0 | 0.2 | 75.0 | 999.9 | 999.9 |
| 27.9 | 99.9 | 9534.9 | 300.0 | -48.6 | -58.6 | 245.6 | 28.8 | 26.2 | 11.9 | 331.0 | 331.0 | 0.0 | 72.0 | 999.9 | 999.9 |
| 29.6 | 99.9 | 10126.8 | 275.0 | -53.2 | -63.2 | 235.4 | 26.3 | 23.6 | 14.9 | 332.6 | 332.6 | 99.9 | 99.9 | 999.9 | 999.9 |
| 31.5 | 99.9 | 10761.7 | 250.0 | -58.3 | -68.3 | 233.0 | 25.2 | 23.1 | 15.2 | 334.3 | 333.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 33.8 | 99.9 | 11447.7 | 225.0 | -63.4 | -73.4 | 235.4 | 24.6 | 22.2 | 14.0 | 336.7 | 333.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 36.4 | 99.9 | 12196.1 | 200.0 | -69.1 | -79.1 | 242.9 | 25.1 | 22.3 | 11.4 | 339.2 | 333.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 38.9 | 99.9 | 13023.2 | 175.0 | -74.3 | -84.3 | 253.0 | 27.3 | 25.1 | 8.0 | 343.9 | 333.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 42.5 | 99.9 | 13966.0 | 150.0 | -82.2 | -92.2 | 262.0 | 32.9 | 32.6 | 4.6 | 362.9 | 333.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 46.5 | 99.9 | 15100.1 | 125.0 | -81.7 | -91.7 | 257.0 | 25.0 | 28.3 | 6.5 | 383.4 | 333.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 51.5 | 99.9 | 16470.0 | 100.0 | -85.5 | -95.5 | 266.4 | 17.7 | 17.7 | 1.1 | 401.2 | 333.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 57.5 | 99.9 | 18201.6 | 75.0 | -85.9 | -95.9 | 269.7 | 9.3 | 9.3 | 0.1 | 434.5 | 333.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 65.1 | 99.9 | 20679.2 | 50.0 | -82.4 | -92.4 | 21.1 | 1.6 | -0.6 | -1.5 | 496.5 | 333.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 77.1 | 99.9 | 25067.9 | 25.0 | -53.1 | -93.9 | 999.9 | 99.9 | 99.9 | 99.9 | 634.9 | 333.9 | 99.9 | 99.9 | 999.9 | 999.9 |

STATION NO. 232
BOOTHVILLE, LOUISIANA
25 APRIL 1982
1100 GMT

0 12

DATA INTERPOLATED FROM NWS SIGNIFICANT LEVEL DATA

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RIO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0 0 | 99.9 | 1.0 | 1010.7 | 21.3 | 21.0 | 230.0 | 5.1 | 3.9 | 3.3 | 293.6 | 334.4 | 15.7 | 98.2 | 999.9 | 999 |
| 0 2 | 99.9 | 93.6 | 1000.0 | 21.3 | 20.4 | 228.5 | 6.5 | 4.9 | 4.3 | 294.5 | 334.4 | 15.7 | 94.6 | 999.9 | 999 |
| 1 0 | 99.9 | 314.1 | 975.0 | 21.7 | 19.8 | 226.1 | 11.6 | 8.4 | 8.1 | 297.0 | 337.0 | 15.1 | 89.2 | 999.9 | 999 |
| 1 7 | 99.9 | 539.7 | 950.0 | 20.1 | 15.4 | 228.0 | 11.5 | 8.5 | 7.7 | 297.8 | 328.0 | 11.7 | 74.2 | 999.9 | 999 |
| 2 4 | 99.9 | 769.7 | 925.0 | 18.7 | 13.4 | 231.6 | 11.5 | 9.0 | 7.2 | 298.4 | 326.8 | 10.5 | 71.5 | 999.9 | 999 |
| 3 2 | 99.9 | 1004.8 | 900.0 | 17.2 | 12.7 | 236.8 | 12.0 | 10.1 | 6.6 | 299.3 | 327.2 | 9.7 | 74.5 | 999.9 | 999 |
| 4 0 | 99.9 | 1245.3 | 875.0 | 16.0 | 11.4 | 243.1 | 12.9 | 11.5 | 5.8 | 300.5 | 327.0 | 9.2 | 73.9 | 999.9 | 999 |
| 4 9 | 99.9 | 1491.8 | 850.0 | 14.9 | 9.9 | 244.8 | 13.3 | 12.1 | 5.7 | 301.8 | 326.7 | 9.1 | 72.0 | 999.9 | 999 |
| 5 7 | 99.9 | 1744.4 | 825.0 | 13.3 | 9.7 | 242.8 | 13.7 | 12.2 | 6.3 | 302.7 | 328.1 | 9.2 | 78.8 | 999.9 | 999 |
| 6 6 | 99.9 | 2003.3 | 800.0 | 11.7 | 9.5 | 242.5 | 13.6 | 12.1 | 6.3 | 303.6 | 329.6 | 9.4 | 86.5 | 999.9 | 999 |
| 7 5 | 99.9 | 2268.9 | 775.0 | 9.9 | 8.5 | 242.5 | 13.1 | 11.7 | 6.1 | 304.5 | 329.7 | 9.1 | 91.1 | 999.9 | 999 |
| 8 5 | 99.9 | 2541.2 | 750.0 | 8.0 | 6.7 | 241.0 | 13.1 | 11.5 | 6.4 | 305.3 | 328.4 | 8.3 | 91.1 | 999.9 | 999 |
| 9 5 | 99.9 | 2820.8 | 725.0 | 6.1 | 4.8 | 240.5 | 13.9 | 12.1 | 6.8 | 306.2 | 327.3 | 7.5 | 91.2 | 999.9 | 999 |
| 10 6 | 99.9 | 3108.1 | 700.0 | 4.1 | 2.8 | 240.4 | 16.0 | 13.9 | 7.9 | 307.0 | 326.2 | 6.7 | 92.1 | 999.9 | 999 |
| 11 8 | 99.9 | 3403.4 | 675.0 | 1.8 | 0.7 | 244.2 | 16.5 | 14.9 | 7.2 | 307.7 | 324.9 | 5.0 | 92.1 | 999.9 | 999 |
| 12 8 | 99.9 | 3707.8 | 650.0 | 1.5 | 0.5 | 250.8 | 16.9 | 15.9 | 5.5 | 310.6 | 321.5 | 3.6 | 55.5 | 999.9 | 999 |
| 13 8 | 99.9 | 4022.8 | 625.0 | -0.1 | -20.6 | 252.0 | 18.2 | 17.3 | 5.6 | 312.4 | 316.2 | 1.2 | 19.6 | 999.9 | 999 |
| 14 8 | 99.9 | 4349.1 | 600.0 | -0.7 | -29.9 | 251.2 | 18.4 | 15.6 | 5.3 | 315.4 | 317.2 | 0.5 | 8.7 | 999.9 | 999 |
| 15 9 | 99.9 | 4687.7 | 575.0 | -2.7 | -32.7 | 249.2 | 14.6 | 13.6 | 5.2 | 316.8 | 318.3 | 0.4 | 7.7 | 999.9 | 999 |
| 17 1 | 99.9 | 5038.5 | 550.0 | -5.0 | -35.0 | 245.7 | 16.6 | 15.1 | 6.8 | 318.2 | 319.5 | 0.4 | 7.3 | 999.9 | 999 |
| 18 2 | 99.9 | 5402.4 | 525.0 | -7.3 | -37.3 | 240.3 | 18.5 | 16.1 | 9.2 | 319.6 | 320.7 | 0.2 | 6.9 | 999.9 | 999 |
| 19 5 | 99.9 | 5780.6 | 500.0 | -9.8 | -39.8 | 237.5 | 17.2 | 14.6 | 9.3 | 321.1 | 322.0 | 0.2 | 6.5 | 999.9 | 999 |
| 20 8 | 99.9 | 6173.8 | 475.0 | -12.5 | -42.5 | 237.0 | 13.1 | 11.0 | 7.2 | 322.5 | 322.2 | 0.2 | 6.0 | 999.9 | 999 |
| 22 1 | 99.9 | 6884.3 | 450.0 | -15.7 | -45.7 | 252.8 | 13.6 | 12.9 | 4.0 | 323.5 | 323.2 | 0.1 | 5.5 | 999.9 | 999 |
| 23 6 | 99.9 | 7012.3 | 425.0 | -19.4 | -49.4 | 255.4 | 17.8 | 17.2 | 4.5 | 324.1 | 324.5 | 0.1 | 5.0 | 999.9 | 999 |
| 25 1 | 99.9 | 7459.5 | 400.0 | -23.3 | -53.3 | 259.9 | 19.8 | 19.5 | 3.5 | 324.7 | 325.0 | 0.1 | 4.4 | 999.9 | 999 |
| 26 6 | 99.9 | 7928.0 | 375.0 | -27.4 | -56.2 | 255.3 | 22.1 | 21.4 | 5.6 | 325.4 | 325.9 | 0.2 | 14.7 | 999.9 | 999 |
| 28 2 | 99.9 | 8420.8 | 350.0 | -30.7 | -59.2 | 245.0 | 22.9 | 22.0 | 11.2 | 327.3 | 329.1 | 0.5 | 57.5 | 999.9 | 999 |
| 30 0 | 99.9 | 8943.6 | 325.0 | -34.1 | -59.2 | 243.0 | 24.7 | 22.0 | 13.8 | 329.7 | 331.1 | 0.4 | 58.0 | 999.9 | 999 |
| 31 8 | 99.9 | 9498.7 | 300.0 | -38.8 | -59.9 | 240.0 | 27.6 | 23.9 | 13.7 | 330.7 | 331.6 | 0.3 | 58.0 | 999.9 | 999 |
| 33 6 | 99.9 | 10089.9 | 275.0 | -43.6 | -59.9 | 245.2 | 27.6 | 23.6 | 13.7 | 332.1 | 331.6 | 0.3 | 58.0 | 999.9 | 999 |
| 35 6 | 99.9 | 10723.4 | 250.0 | -48.9 | -59.9 | 244.3 | 37.3 | 33.6 | 16.2 | 333.4 | 333.4 | 0.3 | 58.0 | 999.9 | 999 |
| 37 6 | 99.9 | 11407.8 | 225.0 | -53.9 | -59.9 | 244.3 | 41.0 | 39.4 | 11.2 | 336.0 | 333.4 | 0.3 | 58.0 | 999.9 | 999 |
| 39 9 | 99.9 | 12154.8 | 200.0 | -59.4 | -59.9 | 258.8 | 47.3 | 46.4 | 9.2 | 338.7 | 333.4 | 0.3 | 58.0 | 999.9 | 999 |
| 42 4 | 99.9 | 12982.1 | 175.0 | -62.7 | -59.9 | 258.1 | 33.9 | 33.1 | 7.0 | 346.4 | 333.4 | 0.3 | 58.0 | 999.9 | 999 |
| 45 2 | 99.9 | 13925.5 | 150.0 | -64.7 | -59.9 | 262.6 | 33.0 | 32.7 | 4.3 | 358.6 | 333.4 | 0.3 | 58.0 | 999.9 | 999 |
| 48 4 | 99.9 | 15040.0 | 125.0 | -61.1 | -59.9 | 253.1 | 26.1 | 26.1 | 8.4 | 384.3 | 333.4 | 0.3 | 58.0 | 999.9 | 999 |
| 52 5 | 99.9 | 16404.7 | 100.0 | -67.3 | -59.9 | 248.0 | 22.4 | 20.8 | 1.3 | 397.7 | 333.4 | 0.3 | 58.0 | 999.9 | 999 |
| 57 7 | 99.9 | 18436.3 | 75.0 | -68.0 | -59.9 | 263.0 | 10.8 | 10.7 | 1.3 | 430.3 | 333.4 | 0.3 | 58.0 | 999.9 | 999 |
| 64 5 | 99.9 | 20615.7 | 50.0 | -68.1 | -59.9 | 263.5 | 1.8 | 1.2 | -2.4 | 489.5 | 333.4 | 0.3 | 58.0 | 999.9 | 999 |
| 75 1 | 99.9 | 24984.6 | 25.0 | -52.1 | -59.9 | 352.1 | 2.4 | 0.3 | -2.4 | 634.3 | 333.4 | 0.3 | 58.0 | 999.9 | 999 |

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 235
JACKSON, MISSISSIPPI

24 APRIL 1982
1100 GMT

0 10.

DATA INTERPOLATED FROM NWS SIGNIFICANT LEVEL DATA

| TIME MIN | CNTQT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO CM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 99.9 | 91.0 | 1011.1 | 6.1 | 5.0 | 350.0 | 1.0 | 0.0 | -1.0 | 278.4 | 282.2 | 5.4 | 92.6 | 999.9 | 999.9 |
| 0.4 | 99.9 | 183.0 | 1000.0 | 11.6 | 3.7 | 131.9 | 3.3 | -2.4 | 2.2 | 284.8 | 297.9 | 5.0 | 58.3 | 999.9 | 999.9 |
| 1.1 | 99.9 | 396.3 | 975.0 | 13.8 | 5.8 | 139.6 | 9.2 | -6.0 | 7.0 | 289.1 | 304.9 | 6.0 | 58.4 | 999.9 | 999.9 |
| 1.8 | 99.9 | 615.1 | 950.0 | 13.0 | 2.6 | 146.6 | 8.4 | -4.6 | 7.0 | 290.4 | 303.5 | 4.9 | 49.3 | 999.9 | 999.9 |
| 2.5 | 99.9 | 838.8 | 925.0 | 11.9 | -0.2 | 154.9 | 6.5 | -2.8 | 5.9 | 291.5 | 302.7 | 4.1 | 43.2 | 999.9 | 999.9 |
| 3.4 | 99.9 | 1067.4 | 900.0 | 9.9 | -0.2 | 159.4 | 5.1 | -0.9 | 5.0 | 291.7 | 303.2 | 4.2 | 49.3 | 999.9 | 999.9 |
| 4.3 | 99.9 | 1300.7 | 875.0 | 7.9 | -0.2 | 165.4 | 5.8 | 0.5 | 5.8 | 292.0 | 303.8 | 4.3 | 58.5 | 999.9 | 999.9 |
| 5.2 | 99.9 | 1539.1 | 850.0 | 5.8 | -0.2 | 202.1 | 7.5 | 2.8 | 7.3 | 292.2 | 304.4 | 4.4 | 65.3 | 999.9 | 999.9 |
| 6.0 | 99.9 | 1783.0 | 825.0 | 4.8 | -0.5 | 226.4 | 7.7 | 5.6 | 5.3 | 293.7 | 309.6 | 2.1 | 31.9 | 999.9 | 999.9 |
| 6.9 | 99.9 | 2033.9 | 800.0 | 5.1 | -10.5 | 258.4 | 7.2 | 7.0 | 5.3 | 293.7 | 309.6 | 0.6 | 9.2 | 999.9 | 999.9 |
| 7.9 | 99.9 | 2292.9 | 775.0 | 5.4 | -24.8 | 285.3 | 7.2 | 7.2 | 0.8 | 298.6 | 301.7 | 0.7 | 9.2 | 999.9 | 999.9 |
| 8.8 | 99.9 | 2580.6 | 750.0 | 5.5 | -22.1 | 286.0 | 7.8 | 7.6 | 0.5 | 302.5 | 305.3 | 0.9 | 11.5 | 999.9 | 999.9 |
| 9.8 | 99.9 | 2836.6 | 725.0 | 3.7 | -9.3 | 269.0 | 7.3 | 7.3 | 0.1 | 303.0 | 310.7 | 2.6 | 39.2 | 999.9 | 999.9 |
| 10.7 | 99.9 | 3120.4 | 700.0 | 1.8 | -6.4 | 275.8 | 6.1 | 6.1 | -0.6 | 303.0 | 310.7 | 3.4 | 54.4 | 999.9 | 999.9 |
| 11.8 | 99.9 | 3412.9 | 675.0 | -0.0 | -9.5 | 278.2 | 5.3 | 5.2 | -0.8 | 305.6 | 313.8 | 2.7 | 48.7 | 999.9 | 999.9 |
| 12.9 | 99.9 | 3714.1 | 650.0 | -2.0 | -12.8 | 287.8 | 6.5 | 6.3 | 1.4 | 306.8 | 313.4 | 2.2 | 43.2 | 999.9 | 999.9 |
| 14.1 | 99.9 | 4024.9 | 625.0 | -4.0 | -16.2 | 294.0 | 8.6 | 6.4 | 1.8 | 307.9 | 313.6 | 1.7 | 37.9 | 999.9 | 999.9 |
| 15.2 | 99.9 | 4340.2 | 600.0 | -4.9 | -34.9 | 298.4 | 8.4 | 6.4 | -0.7 | 310.5 | 314.1 | 0.3 | 7.1 | 999.9 | 999.9 |
| 16.5 | 99.9 | 4680.3 | 575.0 | -6.0 | -38.0 | 283.4 | 7.9 | 7.7 | -1.8 | 313.0 | 314.1 | 0.2 | 6.7 | 999.9 | 999.9 |
| 17.7 | 99.9 | 5028.5 | 550.0 | -8.7 | -38.7 | 271.9 | 9.4 | 9.4 | -0.3 | 313.8 | 314.6 | 0.2 | 6.2 | 999.9 | 999.9 |
| 19.0 | 99.9 | 5384.9 | 525.0 | -11.6 | -41.6 | 260.1 | 11.8 | 11.6 | 2.0 | 314.5 | 315.2 | 0.1 | 5.8 | 999.9 | 999.9 |
| 20.3 | 99.9 | 5756.7 | 500.0 | -14.0 | -44.0 | 265.2 | 13.4 | 13.0 | 1.1 | 316.0 | 316.5 | 0.1 | 5.4 | 999.9 | 999.9 |
| 21.8 | 99.9 | 6144.1 | 475.0 | -16.3 | -46.6 | 266.7 | 13.1 | 12.8 | 0.7 | 317.4 | 317.9 | 0.1 | 5.0 | 999.9 | 999.9 |
| 23.1 | 99.9 | 6528.3 | 450.0 | -19.4 | -49.1 | 267.8 | 12.9 | 12.8 | 1.6 | 318.9 | 319.3 | 0.1 | 4.6 | 999.9 | 999.9 |
| 24.6 | 99.9 | 6970.8 | 425.0 | -22.3 | -52.3 | 267.6 | 14.0 | 13.7 | 3.0 | 320.5 | 320.7 | 0.1 | 4.6 | 999.9 | 999.9 |
| 26.1 | 99.9 | 7413.4 | 400.0 | -25.7 | -41.3 | 256.0 | 16.5 | 16.0 | 4.0 | 321.6 | 322.5 | 0.3 | 21.4 | 999.9 | 999.9 |
| 27.9 | 99.9 | 7877.1 | 375.0 | -29.7 | -33.5 | 253.4 | 16.5 | 15.8 | 4.7 | 322.3 | 324.3 | 0.6 | 69.6 | 999.9 | 999.9 |
| 29.6 | 99.9 | 8365.9 | 350.0 | -32.9 | -36.9 | 261.3 | 20.4 | 20.2 | 3.1 | 324.4 | 326.0 | 0.5 | 67.1 | 999.9 | 999.9 |
| 31.4 | 99.9 | 8883.7 | 325.0 | -36.9 | -45.4 | 271.0 | 22.8 | 22.8 | -0.4 | 325.8 | 326.5 | 0.2 | 40.7 | 999.9 | 999.9 |
| 33.4 | 99.9 | 9431.9 | 300.0 | -41.6 | 99.9 | 270.8 | 26.6 | 26.6 | -0.4 | 326.7 | 326.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 35.5 | 99.9 | 10015.7 | 275.0 | -46.6 | 99.9 | 273.0 | 32.4 | 32.4 | -1.7 | 327.7 | 327.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 37.8 | 99.9 | 10640.5 | 250.0 | -52.1 | 99.9 | 270.4 | 35.2 | 35.2 | -0.2 | 328.6 | 328.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 40.5 | 99.9 | 11316.0 | 225.0 | -56.1 | 99.9 | 267.3 | 35.9 | 35.8 | 1.7 | 332.6 | 332.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 43.4 | 99.9 | 12060.4 | 200.0 | -58.7 | 99.9 | 267.0 | 34.9 | 34.9 | 1.8 | 339.8 | 339.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 46.5 | 99.9 | 12893.3 | 175.0 | -61.7 | 99.9 | 261.8 | 35.8 | 35.5 | 5.1 | 348.1 | 349.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 50.0 | 99.9 | 13852.9 | 150.0 | -62.2 | 99.9 | 261.0 | 30.9 | 30.5 | 4.8 | 359.7 | 359.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 54.2 | 99.9 | 14989.2 | 125.0 | -62.2 | 99.9 | 271.5 | 23.3 | 23.3 | -0.6 | 382.4 | 382.4 | 99.9 | 99.9 | 999.9 | 999.9 |
| 59.0 | 99.9 | 16360.8 | 100.0 | -66.9 | 99.9 | 263.0 | 18.5 | 18.4 | 2.4 | 400.4 | 400.4 | 99.9 | 99.9 | 999.9 | 999.9 |
| 65.1 | 99.9 | 18110.8 | 75.0 | -66.2 | 99.9 | 263.6 | 8.5 | 8.2 | 2.4 | 434.1 | 434.1 | 99.9 | 99.9 | 999.9 | 999.9 |
| 73.0 | 99.9 | 20600.0 | 50.0 | -61.3 | 99.9 | 264.0 | 1.0 | 0.9 | -0.4 | 499.0 | 499.0 | 99.9 | 99.9 | 999.9 | 999.9 |
| 85.5 | 99.9 | 24987.9 | 25.0 | -52.4 | 99.9 | 61.0 | 1.8 | -1.6 | -0.9 | 633.9 | 633.9 | 99.9 | 99.9 | 999.9 | 999.9 |

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 235
JACKSON, MISSISSIPPI
24 APRIL 1982
2300 GMT

0 9.

DATA INTERPOLATED FROM NWS SIGNIFICANT LEVEL DATA

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 99.9 | 91.9 | 1007.2 | 20.6 | 9.8 | 80.0 | 2.6 | -2.5 | -0.4 | 293.2 | 313.4 | 7.6 | 49.9 | 999.9 | 999. |
| 0.2 | 99.9 | 152.9 | 1000.0 | 19.4 | 8.8 | 85.4 | 2.9 | -2.8 | -0.2 | 292.6 | 311.6 | 7.1 | 50.3 | 999.9 | 999. |
| 1.0 | 99.9 | 370.1 | 975.0 | 17.6 | 8.1 | 90.5 | 4.1 | -3.9 | 0.7 | 292.9 | 311.6 | 6.8 | 53.5 | 999.9 | 999. |
| 1.9 | 99.9 | 591.5 | 950.0 | 15.6 | 7.4 | 108.8 | 4.1 | -3.8 | 1.3 | 293.1 | 311.4 | 6.7 | 57.8 | 999.9 | 999. |
| 2.7 | 99.9 | 817.2 | 925.0 | 13.4 | 6.7 | 120.6 | 4.5 | -3.8 | 2.3 | 293.0 | 311.0 | 6.7 | 63.8 | 999.9 | 999. |
| 3.6 | 99.9 | 1047.3 | 900.0 | 11.5 | 7.1 | 139.3 | 4.8 | -3.7 | 3.7 | 293.3 | 312.3 | 7.4 | 67.6 | 999.9 | 999. |
| 4.5 | 99.9 | 1282.4 | 875.0 | 9.6 | 7.4 | 152.9 | 4.9 | -3.2 | 4.3 | 293.7 | 313.7 | 7.4 | 74.6 | 999.9 | 999. |
| 5.5 | 99.9 | 1523.1 | 850.0 | 8.5 | 7.2 | 173.4 | 5.5 | -2.2 | 5.5 | 295.1 | 314.9 | 7.4 | 86.5 | 999.9 | 999. |
| 6.5 | 99.9 | 1769.8 | 825.0 | 7.2 | 6.0 | 191.9 | 8.7 | -0.6 | 8.3 | 295.2 | 315.6 | 7.4 | 89.7 | 999.9 | 999. |
| 7.5 | 99.9 | 2023.0 | 800.0 | 5.8 | 5.2 | 196.5 | 9.7 | 2.8 | 9.3 | 297.4 | 316.3 | 6.9 | 92.5 | 999.9 | 999. |
| 8.6 | 99.9 | 2282.9 | 775.0 | 4.7 | 4.3 | 194.5 | 8.1 | 2.0 | 7.9 | 298.9 | 317.5 | 6.7 | 95.5 | 999.9 | 999. |
| 9.5 | 99.9 | 2550.6 | 750.0 | 4.4 | 3.6 | 196.7 | 7.5 | 2.1 | 7.1 | 301.3 | 319.7 | 6.6 | 97.2 | 999.9 | 999. |
| 10.4 | 99.9 | 2826.6 | 725.0 | 2.8 | 3.2 | 203.5 | 8.6 | 3.4 | 7.9 | 302.5 | 320.0 | 6.2 | 94.4 | 999.9 | 999. |
| 11.4 | 99.9 | 3110.2 | 700.0 | 0.8 | 0.7 | 207.0 | 10.4 | 4.7 | 9.3 | 303.4 | 319.7 | 5.8 | 96.2 | 999.9 | 999. |
| 12.5 | 99.9 | 3402.5 | 675.0 | -0.2 | -0.3 | 207.0 | 12.6 | 5.7 | 11.3 | 305.4 | 321.3 | 5.6 | 99.3 | 999.9 | 999. |
| 13.7 | 99.9 | 3704.7 | 650.0 | -1.3 | -1.4 | 207.0 | 15.9 | 7.2 | 14.2 | 307.5 | 323.0 | 5.3 | 99.3 | 999.9 | 999. |
| 14.9 | 99.9 | 4017.1 | 625.0 | -2.8 | -2.9 | 209.8 | 19.8 | 9.9 | 17.2 | 309.3 | 323.7 | 4.9 | 99.1 | 999.9 | 999. |
| 16.3 | 99.9 | 4340.3 | 600.0 | -4.5 | -4.6 | 210.8 | 21.5 | 11.0 | 18.5 | 311.0 | 324.4 | 4.5 | 99.9 | 999.9 | 999. |
| 17.6 | 99.9 | 4675.1 | 575.0 | -6.2 | -6.4 | 211.9 | 21.1 | 11.2 | 17.9 | 312.7 | 325.1 | 4.1 | 99.9 | 999.9 | 999. |
| 19.1 | 99.9 | 5022.3 | 550.0 | -8.0 | -8.2 | 216.3 | 21.2 | 12.5 | 17.1 | 314.6 | 326.0 | 3.8 | 98.5 | 999.9 | 999. |
| 20.5 | 99.9 | 5383.0 | 525.0 | -10.0 | -10.3 | 221.7 | 22.7 | 15.1 | 16.8 | 315.4 | 326.6 | 3.3 | 98.2 | 999.9 | 999. |
| 22.0 | 99.9 | 5755.2 | 500.0 | -12.3 | -12.6 | 228.0 | 23.7 | 17.6 | 15.8 | 318.1 | 327.1 | 2.9 | 97.6 | 999.9 | 999. |
| 23.5 | 99.9 | 6148.8 | 475.0 | -14.8 | -15.7 | 234.0 | 23.7 | 19.2 | 13.9 | 319.7 | 327.2 | 2.4 | 92.8 | 999.9 | 999. |
| 24.8 | 99.9 | 6556.2 | 450.0 | -17.7 | -19.3 | 237.4 | 24.5 | 20.6 | 13.2 | 321.0 | 326.9 | 1.8 | 87.6 | 999.9 | 999. |
| 26.4 | 99.9 | 6981.6 | 425.0 | -21.0 | -23.9 | 241.3 | 24.3 | 21.4 | 11.7 | 322.1 | 326.4 | 1.3 | 87.6 | 999.9 | 999. |
| 27.9 | 99.9 | 7426.7 | 400.0 | -24.3 | -27.1 | 240.2 | 23.7 | 20.5 | 11.8 | 323.4 | 326.9 | 1.0 | 77.4 | 999.9 | 999. |
| 29.5 | 99.9 | 7893.6 | 375.0 | -28.2 | -31.3 | 239.5 | 23.7 | 20.4 | 12.0 | 324.3 | 326.9 | 0.7 | 74.0 | 999.9 | 999. |
| 31.6 | 99.9 | 8385.2 | 350.0 | -31.8 | -36.7 | 237.4 | 22.5 | 19.0 | 12.1 | 325.8 | 327.5 | 0.5 | 61.8 | 999.9 | 999. |
| 33.5 | 99.9 | 8904.4 | 325.0 | -36.3 | -41.5 | 235.0 | 24.7 | 20.6 | 13.7 | 325.6 | 327.7 | 0.3 | 58.2 | 999.9 | 999. |
| 35.5 | 99.9 | 9453.9 | 300.0 | -41.2 | -49.9 | 235.0 | 28.1 | 23.0 | 16.1 | 327.3 | 327.7 | 0.3 | 58.2 | 999.9 | 999. |
| 37.6 | 99.9 | 10030.4 | 275.0 | -46.4 | -59.9 | 235.0 | 29.3 | 24.4 | 16.3 | 328.0 | 327.7 | 0.3 | 58.2 | 999.9 | 999. |
| 40.3 | 99.9 | 10664.8 | 250.0 | -50.7 | -69.9 | 235.0 | 36.4 | 32.6 | 16.2 | 330.7 | 327.7 | 0.3 | 58.2 | 999.9 | 999. |
| 43.3 | 99.9 | 11345.6 | 225.0 | -54.4 | -79.9 | 235.0 | 30.2 | 29.0 | 16.2 | 330.7 | 327.7 | 0.3 | 58.2 | 999.9 | 999. |
| 46.2 | 99.9 | 12091.4 | 200.0 | -59.7 | -89.9 | 235.0 | 30.2 | 29.5 | 16.2 | 330.7 | 327.7 | 0.3 | 58.2 | 999.9 | 999. |
| 49.3 | 99.9 | 12910.0 | 175.0 | -62.7 | -99.9 | 235.0 | 32.9 | 30.5 | 12.2 | 346.5 | 327.7 | 0.3 | 58.2 | 999.9 | 999. |
| 53.1 | 99.9 | 13869.7 | 150.0 | -59.9 | -99.9 | 235.0 | 35.2 | 34.0 | 8.9 | 366.9 | 327.7 | 0.3 | 58.2 | 999.9 | 999. |
| 57.8 | 99.9 | 15013.0 | 125.0 | -60.3 | -99.9 | 235.0 | 27.8 | 27.5 | -4.2 | 385.7 | 327.7 | 0.3 | 58.2 | 999.9 | 999. |
| 63.0 | 99.9 | 16391.3 | 100.0 | -65.7 | -99.9 | 235.0 | 18.5 | 17.9 | 4.8 | 400.8 | 327.7 | 0.3 | 58.2 | 999.9 | 999. |
| 69.7 | 99.9 | 18141.4 | 75.0 | -65.2 | -99.9 | 235.0 | 6.8 | 6.8 | 0.6 | 436.2 | 327.7 | 0.3 | 58.2 | 999.9 | 999. |
| 78.8 | 99.9 | 20631.0 | 50.0 | -61.3 | -99.9 | 235.0 | 3.4 | 3.4 | -0.4 | 499.9 | 327.7 | 0.3 | 58.2 | 999.9 | 999. |
| 93.0 | 99.9 | 24999.4 | 25.0 | -54.5 | -99.9 | 235.0 | 3.0 | -0.5 | -3.0 | 626.1 | 327.7 | 0.3 | 58.2 | 999.9 | 999. |

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 235
JACKSON, MISSISSIPPI

25 APRIL 1982
1100 GMT

DATA INTERPOLATED FROM NWS SIGNIFICANT LEVEL DATA

0 31.

| TIME MIN | QNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 99.9 | 91.0 | 1001.0 | 15.5 | 15.0 | 90.0 | 3.1 | -3.1 | -0.0 | 288.5 | 316.4 | 10.8 | 96.8 | 999.9 | 999.9 |
| 0.1 | 99.9 | 99.5 | 1000.0 | 15.3 | 14.8 | 96.8 | 3.6 | -3.5 | 0.4 | 288.5 | 315.9 | 10.7 | 96.8 | 999.9 | 999.9 |
| 0.8 | 99.9 | 314.5 | 995.0 | 14.5 | 14.1 | 116.4 | 7.4 | -6.6 | 3.3 | 289.8 | 316.9 | 10.5 | 97.3 | 999.9 | 999.9 |
| 1.6 | 99.9 | 535.1 | 950.0 | 15.7 | 13.9 | 126.9 | 7.7 | -6.2 | 4.7 | 293.1 | 321.0 | 10.6 | 89.5 | 999.9 | 999.9 |
| 2.3 | 99.9 | 751.9 | 925.0 | 15.4 | 12.3 | 142.6 | 4.6 | -2.8 | 3.6 | 295.0 | 321.0 | 9.8 | 81.8 | 999.9 | 999.9 |
| 3.1 | 99.9 | 994.7 | 900.0 | 15.0 | 10.7 | 250.7 | 2.8 | 2.7 | 0.9 | 297.0 | 321.3 | 9.0 | 75.6 | 999.9 | 999.9 |
| 3.9 | 99.9 | 1233.1 | 875.0 | 13.5 | 10.9 | 270.3 | 6.4 | 6.4 | -0.0 | 297.8 | 323.3 | 9.4 | 84.2 | 999.9 | 999.9 |
| 4.8 | 99.9 | 1477.3 | 850.0 | 12.0 | 11.1 | 267.7 | 7.5 | 7.5 | 0.3 | 298.7 | 325.3 | 9.8 | 94.2 | 999.9 | 999.9 |
| 5.7 | 99.9 | 1727.3 | 825.0 | 10.3 | 9.4 | 272.3 | 7.7 | 7.7 | -0.3 | 299.5 | 324.1 | 9.1 | 94.6 | 999.9 | 999.9 |
| 6.6 | 99.9 | 1863.3 | 800.0 | 8.5 | 7.7 | 274.4 | 7.7 | 7.7 | -0.6 | 300.2 | 323.0 | 8.3 | 95.1 | 999.9 | 999.9 |
| 7.4 | 99.9 | 2245.7 | 775.0 | 7.0 | 5.1 | 271.9 | 7.5 | 7.5 | -0.3 | 301.3 | 321.2 | 7.2 | 87.9 | 999.9 | 999.9 |
| 8.3 | 99.9 | 2515.2 | 750.0 | 5.5 | 2.5 | 268.2 | 7.3 | 7.3 | 0.2 | 302.5 | 319.8 | 6.1 | 81.2 | 999.9 | 999.9 |
| 9.1 | 99.9 | 2791.7 | 725.0 | 3.2 | 1.6 | 265.9 | 7.8 | 7.8 | 0.6 | 303.0 | 319.8 | 5.8 | 89.5 | 999.9 | 999.9 |
| 9.9 | 99.9 | 3075.5 | 700.0 | 0.8 | 0.7 | 264.2 | 9.1 | 9.1 | 0.9 | 303.4 | 319.7 | 4.5 | 80.6 | 999.9 | 999.9 |
| 10.7 | 99.9 | 3367.5 | 675.0 | -0.4 | -3.3 | 249.5 | 11.9 | 11.1 | 4.1 | 305.2 | 318.1 | 4.1 | 71.7 | 999.9 | 999.9 |
| 11.5 | 99.9 | 3659.7 | 650.0 | -0.5 | -5.0 | 236.1 | 15.0 | 12.4 | 8.4 | 308.4 | 320.4 | 4.6 | 62.0 | 999.9 | 999.9 |
| 12.4 | 99.9 | 3952.8 | 625.0 | -2.7 | -3.8 | 225.8 | 17.3 | 12.4 | 12.1 | 309.4 | 322.8 | 4.3 | 53.0 | 999.9 | 999.9 |
| 13.4 | 99.9 | 4245.5 | 600.0 | -5.2 | -5.3 | 219.6 | 18.2 | 11.6 | 14.0 | 310.1 | 321.8 | 3.7 | 44.2 | 999.9 | 999.9 |
| 14.4 | 99.9 | 4538.2 | 575.0 | -7.8 | -8.0 | 218.4 | 18.8 | 11.6 | 14.7 | 310.9 | 319.7 | 3.7 | 35.8 | 999.9 | 999.9 |
| 15.5 | 99.9 | 4831.4 | 550.0 | -10.0 | -13.7 | 217.0 | 20.1 | 12.1 | 16.0 | 312.3 | 318.7 | 2.4 | 26.8 | 999.9 | 999.9 |
| 16.7 | 99.9 | 5124.8 | 525.0 | -12.0 | -20.2 | 214.3 | 22.4 | 12.6 | 18.5 | 314.0 | 317.0 | 1.5 | 17.8 | 999.9 | 999.9 |
| 17.9 | 99.9 | 5418.0 | 500.0 | -13.6 | -43.6 | 211.1 | 23.7 | 12.2 | 20.3 | 316.5 | 317.0 | 0.2 | 9.5 | 999.9 | 999.9 |
| 19.0 | 99.9 | 5711.8 | 475.0 | -16.1 | -46.1 | 203.0 | 23.6 | 9.2 | 21.8 | 318.1 | 318.5 | 0.1 | 5.5 | 999.9 | 999.9 |
| 20.1 | 99.9 | 6005.8 | 450.0 | -18.2 | -35.0 | 189.6 | 23.7 | 3.9 | 23.3 | 319.1 | 320.6 | 0.4 | 23.0 | 999.9 | 999.9 |
| 21.2 | 99.9 | 6298.5 | 425.0 | -21.9 | -24.5 | 184.3 | 23.4 | 1.7 | 23.3 | 320.9 | 325.0 | 1.2 | 14.2 | 999.9 | 999.9 |
| 22.3 | 99.9 | 6591.1 | 400.0 | -24.7 | -37.6 | 184.3 | 23.4 | 1.7 | 23.3 | 322.9 | 324.2 | 0.4 | 5.9 | 999.9 | 999.9 |
| 23.4 | 99.9 | 6883.9 | 375.0 | -28.9 | -47.7 | 199.9 | 23.9 | 99.9 | 99.9 | 323.3 | 323.8 | 0.1 | 5.9 | 999.9 | 999.9 |
| 24.5 | 99.9 | 7176.7 | 350.0 | -33.4 | -58.6 | 199.9 | 23.9 | 99.9 | 99.9 | 323.7 | 323.8 | 0.0 | 5.9 | 999.9 | 999.9 |
| 25.9 | 99.9 | 7469.5 | 325.0 | -37.9 | -69.9 | 199.9 | 23.9 | 99.9 | 99.9 | 324.5 | 323.8 | 0.0 | 5.9 | 999.9 | 999.9 |
| 27.3 | 99.9 | 7762.3 | 300.0 | -41.9 | -81.2 | 228.4 | 32.7 | 24.5 | 21.7 | 326.3 | 323.8 | 99.9 | 99.9 | 999.9 | 999.9 |
| 29.0 | 99.9 | 8055.1 | 275.0 | -45.9 | -92.5 | 225.1 | 34.0 | 24.0 | 24.0 | 328.7 | 323.8 | 99.9 | 99.9 | 999.9 | 999.9 |
| 30.7 | 99.9 | 8347.8 | 250.0 | -51.4 | -99.9 | 220.9 | 35.6 | 23.3 | 26.9 | 329.7 | 323.8 | 99.9 | 99.9 | 999.9 | 999.9 |
| 32.4 | 99.9 | 8640.6 | 225.0 | -56.1 | -107.0 | 222.5 | 36.7 | 24.8 | 27.1 | 332.6 | 323.8 | 99.9 | 99.9 | 999.9 | 999.9 |
| 34.3 | 99.9 | 8933.4 | 200.0 | -61.3 | -114.3 | 227.7 | 40.0 | 29.6 | 28.9 | 335.7 | 323.8 | 99.9 | 99.9 | 999.9 | 999.9 |
| 35.9 | 99.9 | 9226.2 | 175.0 | -63.9 | -121.9 | 228.8 | 42.9 | 30.3 | 19.3 | 338.1 | 323.8 | 99.9 | 99.9 | 999.9 | 999.9 |
| 38.0 | 99.9 | 9519.0 | 150.0 | -62.1 | -129.0 | 247.0 | 45.9 | 30.3 | 12.9 | 344.5 | 323.8 | 99.9 | 99.9 | 999.9 | 999.9 |
| 40.9 | 99.9 | 9811.8 | 125.0 | -61.3 | -136.3 | 244.2 | 48.9 | 26.4 | 12.8 | 348.0 | 323.8 | 99.9 | 99.9 | 999.9 | 999.9 |
| 44.1 | 99.9 | 10104.6 | 100.0 | -62.4 | -143.6 | 255.5 | 51.9 | 15.5 | 4.0 | 407.2 | 323.8 | 99.9 | 99.9 | 999.9 | 999.9 |
| 48.7 | 99.9 | 10397.4 | 75.0 | -65.4 | -150.9 | 267.9 | 54.9 | 7.3 | 4.6 | 435.7 | 323.8 | 99.9 | 99.9 | 999.9 | 999.9 |
| 55.4 | 99.9 | 10690.2 | 50.0 | -68.2 | -158.2 | 280.9 | 57.9 | 2.8 | -0.8 | 501.6 | 323.8 | 99.9 | 99.9 | 999.9 | 999.9 |
| 59.9 | 99.9 | 10983.0 | 25.0 | -69.9 | -165.5 | 295.9 | 59.9 | 99.9 | 99.9 | 501.6 | 323.8 | 99.9 | 99.9 | 999.9 | 999.9 |

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 240
LAKE CHARLES, LOUISIANA

24 APRIL 1982
1100 GMT

0 6.

DATA INTERPOLATED FROM NWS SIGNIFICANT LEVEL DATA

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 99.9 | 5.0 | 1019.1 | 11.7 | 5.4 | 80.0 | 3.1 | -3.0 | -0.5 | 283.3 | 302.0 | 7.3 | 85.8 | 999.9 | 999.9 |
| 0.8 | 99.9 | 164.6 | 1000.0 | 15.3 | 11.1 | 108.4 | 7.1 | -6.8 | 2.3 | 288.5 | 310.2 | 8.3 | 76.0 | 999.9 | 999.9 |
| 1.6 | 99.9 | 379.5 | 975.0 | 14.8 | 10.3 | 117.4 | 9.4 | -8.4 | 4.3 | 290.0 | 311.3 | 8.1 | 74.4 | 999.9 | 999.9 |
| 2.4 | 99.9 | 599.2 | 950.0 | 13.3 | 11.1 | 123.6 | 9.9 | -8.2 | 5.5 | 290.7 | 313.7 | 8.8 | 86.5 | 999.9 | 999.9 |
| 3.2 | 99.9 | 823.7 | 925.0 | 12.3 | 10.2 | 129.2 | 8.9 | -8.9 | 5.6 | 291.9 | 314.2 | 8.5 | 87.0 | 999.9 | 999.9 |
| 4.0 | 99.9 | 1053.5 | 900.0 | 11.2 | 9.2 | 136.0 | 7.2 | -5.0 | 5.2 | 293.1 | 314.8 | 8.2 | 87.5 | 999.9 | 999.9 |
| 4.8 | 99.9 | 1289.6 | 875.0 | 12.1 | 3.2 | 152.1 | 5.9 | -5.7 | 5.2 | 296.3 | 311.5 | 5.5 | 54.6 | 999.9 | 999.9 |
| 5.7 | 99.9 | 1532.3 | 850.0 | 11.4 | 3.0 | 171.0 | 5.2 | -0.8 | 5.2 | 298.1 | 313.6 | 5.6 | 56.2 | 999.9 | 999.9 |
| 6.6 | 99.9 | 1781.6 | 825.0 | 10.5 | 2.8 | 189.2 | 4.4 | 0.7 | 4.4 | 299.7 | 315.5 | 5.7 | 58.9 | 999.9 | 999.9 |
| 7.6 | 99.9 | 2037.7 | 800.0 | 9.5 | 2.6 | 213.3 | 3.7 | 2.0 | 3.1 | 301.3 | 317.5 | 5.8 | 61.7 | 999.9 | 999.9 |
| 8.6 | 99.9 | 2301.1 | 775.0 | 8.6 | 2.4 | 234.0 | 4.5 | 3.7 | 2.7 | 303.0 | 319.6 | 5.9 | 64.9 | 999.9 | 999.9 |
| 9.7 | 99.9 | 2572.0 | 750.0 | 6.9 | 2.7 | 232.8 | 5.5 | 4.4 | 3.3 | 304.0 | 321.6 | 6.2 | 74.9 | 999.9 | 999.9 |
| 10.8 | 99.9 | 2850.0 | 725.0 | 4.8 | 1.7 | 228.6 | 5.2 | 3.9 | 3.5 | 304.7 | 321.8 | 6.0 | 80.7 | 999.9 | 999.9 |
| 11.9 | 99.9 | 3135.6 | 700.0 | 2.6 | 0.0 | 233.5 | 5.6 | 4.5 | 3.3 | 305.4 | 321.1 | 5.5 | 82.9 | 999.9 | 999.9 |
| 13.0 | 99.9 | 3429.6 | 675.0 | 1.5 | -5.7 | 229.0 | 6.2 | 4.7 | 4.0 | 307.4 | 318.3 | 3.7 | 87.4 | 999.9 | 999.9 |
| 14.2 | 99.9 | 3733.0 | 650.0 | -0.1 | -9.5 | 230.7 | 5.7 | 4.4 | 3.6 | 308.9 | 317.3 | 2.9 | 49.0 | 999.9 | 999.9 |
| 15.4 | 99.9 | 4046.1 | 625.0 | -2.0 | -12.5 | 238.4 | 5.6 | 5.6 | 3.4 | 310.2 | 317.3 | 2.3 | 44.3 | 999.9 | 999.9 |
| 16.6 | 99.9 | 4369.4 | 600.0 | -4.3 | -14.0 | 237.7 | 8.4 | 7.1 | 4.5 | 311.1 | 317.8 | 2.1 | 46.5 | 999.9 | 999.9 |
| 17.9 | 99.9 | 4703.4 | 575.0 | -7.0 | -12.6 | 238.8 | 11.5 | 9.9 | 6.0 | 311.8 | 319.5 | 2.5 | 64.0 | 999.9 | 999.9 |
| 19.1 | 99.9 | 5048.8 | 550.0 | -8.8 | -38.8 | 242.9 | 12.9 | 11.5 | 5.9 | 313.6 | 314.5 | 0.2 | 6.6 | 999.9 | 999.9 |
| 20.6 | 99.9 | 5408.1 | 525.0 | -10.3 | -40.3 | 246.4 | 15.2 | 14.0 | 6.1 | 316.1 | 316.8 | 0.2 | 6.4 | 999.9 | 999.9 |
| 22.1 | 99.9 | 5782.4 | 500.0 | -12.6 | -19.3 | 241.9 | 19.0 | 16.8 | 8.9 | 317.7 | 323.0 | 1.7 | 57.1 | 999.9 | 999.9 |
| 23.5 | 99.9 | 6172.6 | 475.0 | -14.7 | -20.4 | 238.5 | 17.4 | 14.8 | 9.1 | 319.7 | 324.9 | 1.6 | 62.0 | 999.9 | 999.9 |
| 25.1 | 99.9 | 6580.5 | 450.0 | -17.0 | -23.7 | 237.1 | 14.9 | 12.5 | 8.1 | 321.9 | 326.9 | 1.5 | 67.8 | 999.9 | 999.9 |
| 26.6 | 99.9 | 7007.6 | 425.0 | -19.6 | -23.7 | 240.0 | 13.1 | 13.1 | 6.5 | 323.8 | 328.2 | 1.3 | 69.6 | 999.9 | 999.9 |
| 28.2 | 99.9 | 7455.3 | 400.0 | -22.8 | -27.7 | 245.3 | 14.3 | 13.1 | 5.7 | 325.4 | 328.7 | 1.0 | 64.0 | 999.9 | 999.9 |
| 29.8 | 99.9 | 7925.3 | 375.0 | -26.6 | -31.2 | 255.4 | 19.0 | 18.4 | 4.8 | 325.5 | 329.0 | 0.7 | 64.4 | 999.9 | 999.9 |
| 31.6 | 99.9 | 8419.8 | 350.0 | -30.6 | -35.0 | 255.4 | 26.4 | 25.5 | 6.7 | 327.5 | 329.5 | 0.5 | 64.8 | 999.9 | 999.9 |
| 33.5 | 99.9 | 8941.8 | 325.0 | -34.9 | -39.1 | 258.5 | 33.2 | 32.5 | 6.6 | 328.6 | 330.0 | 0.4 | 65.4 | 999.9 | 999.9 |
| 35.4 | 99.9 | 9494.8 | 300.0 | -39.8 | -47.3 | 256.4 | 35.6 | 34.6 | 8.4 | 329.3 | 329.9 | 0.2 | 44.1 | 999.9 | 999.9 |
| 37.4 | 99.9 | 10082.7 | 275.0 | -45.2 | -47.3 | 257.2 | 22.0 | 31.2 | 7.1 | 329.7 | 329.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 39.5 | 99.9 | 10711.8 | 250.0 | -48.9 | -47.3 | 254.5 | 36.9 | 38.2 | 10.6 | 333.4 | 329.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 42.1 | 99.9 | 11397.4 | 225.0 | -53.1 | -47.3 | 255.1 | 36.9 | 35.7 | 9.5 | 337.1 | 329.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 45.1 | 99.9 | 12146.4 | 200.0 | -57.8 | -47.3 | 258.3 | 37.5 | 36.8 | 10.5 | 349.1 | 329.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 48.1 | 99.9 | 12984.3 | 175.0 | -61.1 | -47.3 | 253.2 | 36.5 | 34.9 | 10.5 | 349.1 | 329.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 51.6 | 99.9 | 13946.4 | 150.0 | -59.1 | -47.3 | 260.0 | 27.6 | 27.2 | 4.8 | 368.3 | 329.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 55.6 | 99.9 | 15078.5 | 125.0 | -62.6 | -47.3 | 253.8 | 31.3 | 30.0 | 8.7 | 381.7 | 329.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 60.4 | 99.9 | 16449.9 | 100.0 | -64.1 | -47.3 | 268.1 | 19.0 | 19.0 | 0.6 | 403.9 | 329.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 66.2 | 99.9 | 18190.7 | 75.0 | -68.6 | -47.3 | 256.2 | 8.3 | 8.1 | 2.0 | 433.4 | 329.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 74.6 | 99.9 | 20686.4 | 50.0 | -60.5 | -47.3 | 172.0 | 0.8 | -0.1 | 0.8 | 500.9 | 329.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 87.5 | 99.9 | 25096.6 | 25.0 | -51.3 | -47.3 | 27.9 | 4.0 | -1.9 | -3.5 | 637.1 | 329.9 | 99.9 | 999.9 | 999.9 | 999.9 |

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 240
LAKE CHARLES, LOUISIANA
24 APRIL 1982
2300 GMT

0 19.

DATA INTERPOLATED FROM NWS SIGNIFICANT LEVEL DATA

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 99.9 | 5.0 | 1014.7 | 16.1 | 15.6 | 50.0 | 3.1 | -2.4 | -2.0 | 288.1 | 316.5 | 11.1 | 96.9 | 999.9 | 999.9 |
| 0.4 | 99.9 | 129.4 | 1000.0 | 15.7 | 15.1 | 66.5 | 4.0 | -3.7 | -1.6 | 288.9 | 316.5 | 10.9 | 96.2 | 999.9 | 999.9 |
| 1.3 | 99.9 | 345.1 | 975.0 | 16.0 | 15.3 | 66.8 | 6.3 | -6.2 | 0.7 | 291.3 | 320.7 | 11.3 | 95.8 | 999.9 | 999.9 |
| 2.2 | 99.9 | 536.8 | 950.0 | 16.2 | 15.4 | 125.9 | 9.7 | -7.9 | 5.7 | 293.6 | 324.2 | 11.7 | 94.9 | 999.9 | 999.9 |
| 3.1 | 99.9 | 793.9 | 925.0 | 15.1 | 14.2 | 139.3 | 11.8 | -7.7 | 8.9 | 294.7 | 324.0 | 11.1 | 94.3 | 999.9 | 999.9 |
| 4.0 | 99.9 | 1026.3 | 900.0 | 13.9 | 12.9 | 153.0 | 11.3 | -5.1 | 10.1 | 295.9 | 323.9 | 10.5 | 93.7 | 999.9 | 999.9 |
| 4.9 | 99.9 | 1264.1 | 875.0 | 12.8 | 11.7 | 168.9 | 11.3 | -2.2 | 11.1 | 297.1 | 323.7 | 9.9 | 93.0 | 999.9 | 999.9 |
| 5.9 | 99.9 | 1507.8 | 850.0 | 11.6 | 10.4 | 179.9 | 10.8 | -0.0 | 10.8 | 298.3 | 323.7 | 9.4 | 92.3 | 999.9 | 999.9 |
| 6.8 | 99.9 | 1757.7 | 825.0 | 10.3 | 9.1 | 194.0 | 10.3 | 2.5 | 10.0 | 299.5 | 323.6 | 8.9 | 92.0 | 999.9 | 999.9 |
| 7.9 | 99.9 | 2013.9 | 800.0 | 9.0 | 7.7 | 207.4 | 11.2 | 5.1 | 9.9 | 300.8 | 323.7 | 8.3 | 91.6 | 999.9 | 999.9 |
| 8.9 | 99.9 | 2277.0 | 775.0 | 7.7 | 6.4 | 214.5 | 13.2 | 7.5 | 10.9 | 302.1 | 323.7 | 7.8 | 91.2 | 999.9 | 999.9 |
| 10.0 | 99.9 | 2547.3 | 750.0 | 6.3 | 4.9 | 222.7 | 13.9 | 9.4 | 10.2 | 303.4 | 323.8 | 7.3 | 90.8 | 999.9 | 999.9 |
| 11.1 | 99.9 | 2825.3 | 725.0 | 4.9 | 3.4 | 229.2 | 13.9 | 10.5 | 9.1 | 304.8 | 324.0 | 6.8 | 90.3 | 999.9 | 999.9 |
| 12.2 | 99.9 | 3111.4 | 700.0 | 3.4 | 1.9 | 232.6 | 12.5 | 10.3 | 8.0 | 306.3 | 324.2 | 6.3 | 89.9 | 999.9 | 999.9 |
| 13.2 | 99.9 | 3406.3 | 675.0 | 1.9 | 0.4 | 235.8 | 12.5 | 10.3 | 7.0 | 307.8 | 324.7 | 5.9 | 89.9 | 999.9 | 999.9 |
| 14.3 | 99.9 | 3710.6 | 650.0 | 0.3 | -1.1 | 239.6 | 12.9 | 11.1 | 5.5 | 309.4 | 325.2 | 5.5 | 90.0 | 999.9 | 999.9 |
| 15.5 | 99.9 | 4024.8 | 625.0 | -1.3 | -2.7 | 244.8 | 12.9 | 11.6 | 5.5 | 311.0 | 325.8 | 5.0 | 90.0 | 999.9 | 999.9 |
| 16.6 | 99.9 | 4349.8 | 600.0 | -3.2 | -4.8 | 248.3 | 13.2 | 12.3 | 4.9 | 312.4 | 325.8 | 4.5 | 88.8 | 999.9 | 999.9 |
| 17.9 | 99.9 | 4685.8 | 575.0 | -5.5 | -7.5 | 248.1 | 14.3 | 13.3 | 5.3 | 313.6 | 325.0 | 3.8 | 85.6 | 999.9 | 999.9 |
| 19.1 | 99.9 | 5033.5 | 550.0 | -7.6 | -9.8 | 246.6 | 14.5 | 13.3 | 5.8 | 315.0 | 325.1 | 3.3 | 84.1 | 999.9 | 999.9 |
| 20.4 | 99.9 | 5394.8 | 525.0 | -9.5 | -11.4 | 242.7 | 15.6 | 13.8 | 7.2 | 317.1 | 325.5 | 3.0 | 85.6 | 999.9 | 999.9 |
| 21.8 | 99.9 | 5770.3 | 500.0 | -12.7 | -14.8 | 241.8 | 17.3 | 15.2 | 8.2 | 317.6 | 325.2 | 2.4 | 84.2 | 999.9 | 999.9 |
| 23.1 | 99.9 | 6157.1 | 475.0 | -17.7 | -36.2 | 247.6 | 19.1 | 17.7 | 7.3 | 318.1 | 317.4 | 0.4 | 17.8 | 999.9 | 999.9 |
| 24.6 | 99.9 | 6560.2 | 450.0 | -19.8 | -41.9 | 251.0 | 21.0 | 19.9 | 6.9 | 318.4 | 319.1 | 0.2 | 11.8 | 999.9 | 999.9 |
| 26.1 | 99.9 | 6982.5 | 425.0 | -22.0 | -48.0 | 249.2 | 24.8 | 23.2 | 6.8 | 320.8 | 321.2 | 0.1 | 7.4 | 999.9 | 999.9 |
| 27.7 | 99.9 | 7426.4 | 400.0 | -24.4 | -54.4 | 255.3 | 27.2 | 26.3 | 6.9 | 323.3 | 322.5 | 0.1 | 4.3 | 999.9 | 999.9 |
| 29.3 | 99.9 | 7895.1 | 375.0 | -26.6 | -56.6 | 258.4 | 33.1 | 32.4 | 6.7 | 326.4 | 326.5 | 0.0 | 4.0 | 999.9 | 999.9 |
| 31.0 | 99.9 | 8389.6 | 350.0 | -30.2 | -60.2 | 256.0 | 34.9 | 33.9 | 8.5 | 328.0 | 328.2 | 0.0 | 3.5 | 999.9 | 999.9 |
| 32.9 | 99.9 | 8912.8 | 325.0 | -34.1 | -64.1 | 252.3 | 33.3 | 31.8 | 10.1 | 328.8 | 328.6 | 0.0 | 3.0 | 999.9 | 999.9 |
| 34.9 | 99.9 | 9488.5 | 300.0 | -38.2 | -68.2 | 250.0 | 32.8 | 30.9 | 11.2 | 331.5 | 331.6 | 0.0 | 2.6 | 999.9 | 999.9 |
| 36.7 | 99.9 | 10061.1 | 275.0 | -43.0 | -99.9 | 251.7 | 35.6 | 33.8 | 11.2 | 333.0 | 333.6 | 0.0 | 2.6 | 999.9 | 999.9 |
| 38.8 | 99.9 | 10898.8 | 250.0 | -47.9 | 99.9 | 250.5 | 36.7 | 36.5 | 12.9 | 334.9 | 334.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 41.1 | 99.9 | 11383.5 | 225.0 | -53.4 | 99.9 | 256.9 | 34.1 | 33.2 | 7.7 | 336.7 | 336.7 | 99.9 | 999.9 | 999.9 | 999.9 |
| 43.7 | 99.9 | 12131.7 | 200.0 | -58.8 | 99.9 | 255.0 | 30.7 | 29.6 | 7.9 | 339.7 | 339.7 | 99.9 | 999.9 | 999.9 | 999.9 |
| 46.3 | 99.9 | 12983.4 | 175.0 | -62.2 | 99.9 | 247.9 | 33.7 | 31.2 | 12.7 | 347.3 | 347.3 | 99.9 | 999.9 | 999.9 | 999.9 |
| 49.6 | 99.9 | 13912.6 | 150.0 | -62.2 | 99.9 | 251.1 | 36.4 | 34.5 | 11.8 | 352.9 | 352.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 53.4 | 99.9 | 15052.0 | 125.0 | -59.8 | 99.9 | 259.2 | 33.2 | 32.7 | 6.2 | 356.6 | 356.6 | 99.9 | 999.9 | 999.9 | 999.9 |
| 57.8 | 99.9 | 16429.4 | 100.0 | -64.6 | 99.9 | 259.6 | 13.9 | 13.7 | 2.5 | 402.9 | 398.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 63.7 | 99.9 | 18177.5 | 75.0 | -65.4 | 99.9 | 264.7 | 11.6 | 11.6 | 1.1 | 435.8 | 398.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 71.8 | 99.9 | 20667.3 | 50.0 | -62.2 | 99.9 | 93.3 | 4.9 | -4.9 | 0.3 | 466.9 | 398.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 84.0 | 99.9 | 25075.6 | 25.0 | -51.3 | 99.9 | 350.7 | 4.6 | 0.7 | -4.5 | 637.2 | 398.9 | 99.9 | 999.9 | 999.9 | 999.9 |

ORIGINAL PAGE IS
OF POOR QUALITY

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 240
LAKE CHARLES, LOUISIANA
25 APRIL 1982
1100 GMT

0 8.

DATA INTERPOLATED FROM NWS SIGNIFICANT LEVEL DATA

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POI T DG K | E POI T DG K | MX RIO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 99.9 | 5.0 | 1010.7 | 16.7 | 16.7 | 60.0 | 2.1 | -1.8 | -1.0 | 289.0 | 319.6 | 11.9 | 100.0 | 999.9 | 999.9 |
| 0.5 | 99.9 | 96.0 | 1000.0 | 16.7 | 16.6 | 70.7 | 1.2 | -1.1 | -0.4 | 289.9 | 320.9 | 12.0 | 99.4 | 999.9 | 999.9 |
| 1.3 | 99.9 | 312.4 | 975.0 | 16.5 | 16.2 | 230.9 | 0.9 | 0.7 | 0.6 | 291.7 | 322.9 | 12.0 | 98.2 | 999.9 | 999.9 |
| 2.2 | 99.9 | 534.3 | 950.0 | 16.2 | 15.7 | 249.9 | 3.6 | 3.4 | 1.2 | 293.7 | 325.0 | 12.0 | 96.9 | 999.9 | 999.9 |
| 3.0 | 99.9 | 761.9 | 925.0 | 16.3 | 14.0 | 254.0 | 5.7 | 5.5 | 1.6 | 296.0 | 325.1 | 11.0 | 85.3 | 999.9 | 999.9 |
| 3.9 | 99.9 | 995.6 | 900.0 | 15.6 | 13.8 | 254.0 | 6.1 | 5.9 | 1.7 | 297.6 | 327.4 | 11.1 | 83.1 | 999.9 | 999.9 |
| 4.9 | 99.9 | 1234.9 | 875.0 | 14.4 | 12.9 | 254.9 | 6.6 | 6.1 | 2.7 | 298.8 | 327.8 | 10.8 | 80.5 | 999.9 | 999.9 |
| 5.9 | 99.9 | 1480.1 | 850.0 | 13.3 | 11.1 | 241.4 | 7.2 | 6.3 | 3.4 | 300.1 | 326.8 | 9.8 | 86.5 | 999.9 | 999.9 |
| 6.8 | 99.9 | 1731.2 | 825.0 | 11.5 | 9.6 | 239.3 | 6.8 | 5.8 | 3.5 | 300.7 | 325.8 | 9.2 | 88.6 | 999.9 | 999.9 |
| 7.8 | 99.9 | 1988.3 | 800.0 | 9.5 | 8.1 | 234.0 | 7.5 | 6.1 | 4.4 | 301.3 | 324.8 | 8.5 | 90.9 | 999.9 | 999.9 |
| 8.9 | 99.9 | 2251.7 | 775.0 | 8.2 | 5.5 | 236.5 | 9.5 | 7.9 | 5.2 | 302.6 | 323.0 | 7.3 | 83.1 | 999.9 | 999.9 |
| 9.9 | 99.9 | 2522.4 | 750.0 | 7.0 | 2.2 | 249.3 | 11.7 | 10.9 | 4.1 | 304.1 | 321.1 | 6.0 | 71.6 | 999.9 | 999.9 |
| 10.9 | 99.9 | 2800.9 | 725.0 | 5.7 | -2.6 | 253.7 | 12.3 | 10.9 | 3.4 | 305.7 | 318.4 | 4.4 | 55.1 | 999.9 | 999.9 |
| 12.0 | 99.9 | 3087.2 | 700.0 | 3.8 | -6.4 | 251.0 | 11.3 | 10.7 | 3.7 | 306.7 | 316.7 | 3.4 | 47.2 | 999.9 | 999.9 |
| 13.1 | 99.9 | 3381.7 | 675.0 | 1.4 | -14.1 | 247.9 | 10.4 | 9.6 | 3.9 | 307.5 | 313.6 | 2.0 | 29.7 | 999.9 | 999.9 |
| 14.3 | 99.9 | 3684.2 | 650.0 | -1.4 | -13.8 | 245.6 | 10.8 | 9.8 | 4.5 | 307.4 | 309.3 | 0.3 | 38.0 | 999.9 | 999.9 |
| 15.5 | 99.9 | 3995.1 | 625.0 | -3.8 | -33.8 | 241.0 | 10.8 | 9.5 | 5.2 | 308.1 | 312.5 | 0.3 | 7.5 | 999.9 | 999.9 |
| 16.9 | 99.9 | 4317.4 | 600.0 | -4.2 | -34.2 | 243.5 | 11.2 | 11.2 | 5.6 | 311.3 | 314.5 | 0.3 | 7.2 | 999.9 | 999.9 |
| 18.2 | 99.9 | 4651.8 | 575.0 | -5.7 | -35.7 | 249.0 | 16.2 | 15.1 | 8.0 | 313.4 | 316.3 | 0.2 | 6.9 | 999.9 | 999.9 |
| 19.7 | 99.9 | 4999.1 | 550.0 | -7.4 | -37.4 | 246.9 | 20.3 | 18.6 | 8.7 | 315.4 | 316.6 | 0.2 | 6.4 | 999.9 | 999.9 |
| 21.2 | 99.9 | 5359.2 | 525.0 | -10.5 | -40.5 | 246.2 | 21.5 | 19.7 | 8.7 | 315.9 | 316.9 | 0.1 | 5.8 | 999.9 | 999.9 |
| 22.8 | 99.9 | 5732.4 | 500.0 | -13.7 | -43.7 | 247.8 | 20.7 | 19.2 | 7.6 | 316.7 | 317.1 | 0.1 | 5.3 | 999.9 | 999.9 |
| 24.4 | 99.9 | 6119.6 | 475.0 | -17.2 | -47.2 | 248.2 | 20.6 | 19.1 | 7.6 | 318.2 | 318.5 | 0.1 | 4.9 | 999.9 | 999.9 |
| 26.2 | 99.9 | 6522.6 | 450.0 | -19.9 | -49.9 | 243.7 | 26.8 | 23.6 | 11.8 | 319.7 | 319.9 | 0.1 | 4.5 | 999.9 | 999.9 |
| 28.1 | 99.9 | 6944.4 | 425.0 | -22.9 | -52.9 | 242.0 | 24.7 | 23.6 | 12.6 | 320.2 | 320.3 | 0.0 | 3.9 | 999.9 | 999.9 |
| 30.1 | 99.9 | 7385.4 | 400.0 | -26.8 | -56.8 | 243.0 | 24.7 | 23.0 | 13.2 | 321.7 | 321.8 | 0.0 | 3.5 | 999.9 | 999.9 |
| 32.3 | 99.9 | 7847.9 | 375.0 | -30.1 | -60.1 | 243.4 | 29.1 | 25.0 | 13.9 | 321.7 | 323.4 | 0.0 | 3.1 | 999.9 | 999.9 |
| 34.6 | 99.9 | 8335.5 | 350.0 | -33.7 | -63.7 | 250.4 | 31.1 | 28.3 | 10.4 | 323.3 | 323.4 | 0.0 | 2.7 | 999.9 | 999.9 |
| 37.0 | 99.9 | 8851.1 | 325.0 | -37.5 | -67.5 | 250.9 | 35.4 | 32.5 | 11.6 | 325.0 | 325.0 | 0.0 | 2.2 | 999.9 | 999.9 |
| 39.6 | 99.9 | 9398.6 | 300.0 | -41.8 | -71.8 | 247.0 | 40.3 | 37.1 | 15.7 | 326.5 | 326.5 | 0.0 | 1.9 | 999.9 | 999.9 |
| 42.2 | 99.9 | 9983.2 | 275.0 | -45.8 | -75.8 | 244.3 | 42.3 | 38.1 | 18.3 | 329.0 | 329.9 | 0.0 | 1.5 | 999.9 | 999.9 |
| 45.1 | 99.9 | 10612.0 | 250.0 | -50.1 | -80.1 | 241.1 | 42.8 | 38.5 | 20.7 | 331.6 | 331.6 | 0.0 | 1.1 | 999.9 | 999.9 |
| 48.1 | 99.9 | 11293.7 | 225.0 | -54.4 | -84.4 | 249.2 | 42.7 | 40.0 | 15.2 | 335.2 | 335.2 | 0.0 | 0.9 | 999.9 | 999.9 |
| 51.3 | 99.9 | 12041.1 | 200.0 | -57.4 | -87.4 | 246.0 | 45.4 | 41.5 | 18.5 | 341.9 | 341.9 | 0.0 | 0.9 | 999.9 | 999.9 |
| 54.9 | 99.9 | 12887.9 | 175.0 | -56.3 | -86.3 | 244.1 | 39.1 | 35.2 | 17.1 | 357.0 | 357.0 | 0.0 | 0.8 | 999.9 | 999.9 |
| 59.1 | 99.9 | 13866.2 | 150.0 | -54.6 | -84.6 | 259.6 | 29.2 | 28.8 | 15.3 | 375.7 | 375.7 | 0.0 | 0.8 | 999.9 | 999.9 |
| 63.8 | 99.9 | 15016.5 | 125.0 | -59.7 | -89.7 | 259.6 | 22.1 | 21.4 | 10.5 | 386.9 | 386.9 | 0.0 | 0.8 | 999.9 | 999.9 |
| 69.7 | 99.9 | 16403.4 | 100.0 | -63.3 | -93.3 | 241.6 | 22.1 | 21.4 | 11.2 | 405.4 | 405.4 | 0.0 | 0.8 | 999.9 | 999.9 |
| 76.4 | 99.9 | 18163.2 | 75.0 | -64.0 | -94.0 | 244.7 | 14.0 | 12.5 | 6.0 | 438.7 | 438.7 | 0.0 | 0.8 | 999.9 | 999.9 |
| 85.2 | 99.9 | 20669.6 | 50.0 | -59.0 | -89.0 | 185.8 | 3.1 | 0.3 | 3.1 | 504.5 | 504.5 | 0.0 | 0.8 | 999.9 | 999.9 |
| 98.9 | 99.9 | 25113.6 | 25.0 | -49.5 | -79.5 | 32.1 | 1.6 | -0.8 | -1.3 | 642.3 | 642.3 | 0.0 | 0.8 | 999.9 | 999.9 |

STATION NO. 247
LONGVIEW, TEXAS
24 APRIL 1982
1100 GMT

DATA INTERPOLATED FROM NWS SIGNIFICANT LEVEL DATA

0 16.

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 99.9 | 124.0 | 1006.0 | 10.6 | 8.5 | 140.0 | 2.6 | -1.7 | 2.0 | 283.3 | 301.1 | 7.0 | 86.8 | 999.9 | 999. |
| 0.2 | 99.9 | 173.9 | 1000.0 | 11.0 | 0.8 | 140.8 | 3.4 | -2.1 | 2.6 | 284.2 | 294.9 | 4.1 | 49.3 | 999.9 | 999. |
| 1.0 | 99.9 | 386.2 | 975.0 | 13.2 | 0.3 | 142.0 | 6.6 | -4.0 | 5.2 | 288.4 | 299.3 | 4.0 | 41.3 | 999.9 | 999. |
| 2.7 | 99.9 | 604.1 | 950.0 | 11.9 | -1.1 | 147.5 | 5.0 | -2.7 | 4.2 | 289.3 | 299.5 | 3.7 | 40.4 | 999.9 | 999. |
| 3.5 | 99.9 | 826.8 | 925.0 | 10.5 | -1.2 | 159.9 | 4.6 | -1.6 | 4.3 | 290.0 | 300.4 | 3.8 | 44.2 | 999.9 | 999. |
| 4.3 | 99.9 | 1054.2 | 900.0 | 9.0 | -8.9 | 180.8 | 4.7 | 0.1 | 4.7 | 290.8 | 296.9 | 2.2 | 27.1 | 999.9 | 999. |
| 5.2 | 99.9 | 1286.8 | 875.0 | 8.1 | -21.9 | 207.6 | 4.6 | 2.1 | 4.0 | 292.2 | 294.4 | 0.7 | 9.8 | 999.9 | 999. |
| 6.1 | 99.9 | 1525.5 | 850.0 | 8.3 | -13.1 | 236.0 | 4.4 | 3.7 | 2.5 | 294.9 | 299.7 | 1.6 | 20.3 | 999.9 | 999. |
| 7.2 | 99.9 | 1772.0 | 825.0 | 7.4 | 7.0 | 236.5 | 5.9 | 4.9 | 3.2 | 296.4 | 317.2 | 7.7 | 97.3 | 999.9 | 999. |
| 8.2 | 99.9 | 2026.0 | 800.0 | 6.9 | 6.5 | 241.6 | 7.4 | 6.5 | 2.8 | 298.5 | 319.4 | 7.6 | 97.3 | 999.9 | 999. |
| 9.2 | 99.9 | 2286.9 | 775.0 | 5.5 | 5.1 | 251.5 | 8.8 | 8.4 | 2.8 | 299.8 | 319.5 | 7.2 | 97.3 | 999.9 | 999. |
| 10.3 | 99.9 | 2555.0 | 750.0 | 4.1 | 3.7 | 243.6 | 9.3 | 8.3 | 4.1 | 301.0 | 319.6 | 6.7 | 97.2 | 999.9 | 999. |
| 11.3 | 99.9 | 2830.6 | 725.0 | 2.5 | 2.0 | 239.4 | 9.6 | 8.2 | 4.9 | 302.2 | 319.6 | 5.4 | 95.7 | 999.9 | 999. |
| 12.4 | 99.9 | 3113.8 | 700.0 | 0.3 | -0.3 | 235.9 | 10.3 | 8.5 | 5.8 | 302.8 | 318.0 | 5.4 | 95.7 | 999.9 | 999. |
| 13.4 | 99.9 | 3404.8 | 675.0 | -2.0 | -2.6 | 228.5 | 9.7 | 7.3 | 6.5 | 303.4 | 316.8 | 4.7 | 96.2 | 999.9 | 999. |
| 14.5 | 99.9 | 3704.7 | 650.0 | -1.6 | -13.6 | 221.6 | 8.6 | 5.7 | 6.4 | 307.2 | 313.4 | 2.1 | 39.3 | 999.9 | 999. |
| 15.8 | 99.9 | 4016.0 | 625.0 | -3.5 | -20.4 | 223.1 | 7.9 | 5.4 | 5.8 | 307.2 | 312.3 | 1.2 | 25.4 | 999.9 | 999. |
| 17.0 | 99.9 | 4337.2 | 600.0 | -5.9 | -22.3 | 232.8 | 8.1 | 6.5 | 4.9 | 308.5 | 312.7 | 1.1 | 25.9 | 999.9 | 999. |
| 18.3 | 99.9 | 4669.0 | 575.0 | -8.5 | -18.3 | 236.0 | 9.8 | 8.1 | 5.5 | 309.3 | 315.0 | 1.6 | 44.9 | 999.9 | 999. |
| 19.7 | 99.9 | 5012.2 | 550.0 | -11.0 | -23.4 | 234.6 | 11.1 | 9.1 | 6.4 | 310.1 | 314.4 | 1.0 | 34.9 | 999.9 | 999. |
| 21.0 | 99.9 | 5368.6 | 525.0 | -12.7 | -18.3 | 237.0 | 14.4 | 12.0 | 7.8 | 313.2 | 318.6 | 1.7 | 62.5 | 999.9 | 999. |
| 22.5 | 99.9 | 5739.9 | 500.0 | -14.5 | -22.4 | 245.0 | 13.4 | 12.1 | 5.7 | 315.4 | 319.5 | 1.3 | 50.9 | 999.9 | 999. |
| 24.1 | 99.9 | 6127.1 | 475.0 | -17.1 | -24.9 | 248.3 | 13.7 | 12.7 | 5.1 | 316.8 | 320.3 | 1.1 | 50.7 | 999.9 | 999. |
| 25.6 | 99.9 | 6530.4 | 450.0 | -20.6 | -28.2 | 243.1 | 17.2 | 15.3 | 7.8 | 317.4 | 320.7 | 0.8 | 63.0 | 999.9 | 999. |
| 27.2 | 99.9 | 6950.4 | 425.0 | -23.5 | -32.0 | 243.4 | 17.9 | 16.0 | 8.0 | 318.8 | 321.7 | 0.6 | 61.1 | 999.9 | 999. |
| 28.8 | 99.9 | 7391.1 | 400.0 | -26.8 | -36.2 | 237.8 | 23.7 | 20.4 | 9.3 | 320.2 | 322.4 | 0.5 | 55.4 | 999.9 | 999. |
| 30.4 | 99.9 | 7853.8 | 375.0 | -30.2 | -40.5 | 239.5 | 23.7 | 20.4 | 12.0 | 321.7 | 323.3 | 0.5 | 52.7 | 999.9 | 999. |
| 32.1 | 99.9 | 8340.9 | 350.0 | -34.3 | -45.2 | 244.4 | 28.9 | 26.1 | 12.5 | 322.5 | 323.6 | 0.2 | 50.8 | 999.9 | 999. |
| 34.2 | 99.9 | 8854.5 | 325.0 | -38.9 | -50.2 | 242.7 | 33.1 | 29.5 | 15.2 | 323.1 | 323.8 | 0.2 | 50.8 | 999.9 | 999. |
| 36.1 | 99.9 | 9374.7 | 300.0 | -43.5 | -55.2 | 240.8 | 35.7 | 31.2 | 17.4 | 323.2 | 323.8 | 0.2 | 50.8 | 999.9 | 999. |
| 38.6 | 99.9 | 10591.7 | 275.0 | -48.1 | -59.9 | 240.1 | 38.9 | 33.7 | 19.4 | 323.2 | 323.8 | 0.2 | 50.8 | 999.9 | 999. |
| 41.4 | 99.9 | 11265.1 | 250.0 | -54.1 | -59.9 | 244.2 | 44.5 | 40.0 | 19.4 | 325.7 | 323.8 | 0.2 | 50.8 | 999.9 | 999. |
| 44.3 | 99.9 | 12015.5 | 225.0 | -55.3 | -59.9 | 254.5 | 46.0 | 44.3 | 12.3 | 333.8 | 323.8 | 0.2 | 50.8 | 999.9 | 999. |
| 47.5 | 99.9 | 12855.6 | 200.0 | -58.8 | -59.9 | 262.7 | 31.5 | 31.3 | 4.0 | 343.8 | 323.8 | 0.2 | 50.8 | 999.9 | 999. |
| 51.2 | 99.9 | 13818.5 | 175.0 | -59.0 | -59.9 | 257.4 | 26.5 | 25.9 | 5.8 | 352.8 | 323.8 | 0.2 | 50.8 | 999.9 | 999. |
| 55.7 | 99.9 | 14962.2 | 150.0 | -59.0 | -59.9 | 244.8 | 34.2 | 31.0 | 14.6 | 368.4 | 323.8 | 0.2 | 50.8 | 999.9 | 999. |
| 61.0 | 99.9 | 16342.0 | 125.0 | -61.0 | -59.9 | 259.0 | 24.7 | 24.3 | 4.7 | 384.5 | 323.8 | 0.2 | 50.8 | 999.9 | 999. |
| 67.9 | 99.9 | 18095.6 | 100.0 | -64.7 | -59.9 | 273.0 | 17.0 | 17.0 | -0.9 | 403.3 | 323.8 | 0.2 | 50.8 | 999.9 | 999. |
| 76.8 | 99.9 | 20577.4 | 50.0 | -61.7 | -59.9 | 249.7 | 6.3 | 5.9 | 2.2 | 435.2 | 323.8 | 0.2 | 50.8 | 999.9 | 999. |
| 90.9 | 99.9 | 24954.4 | 25.0 | -54.3 | -59.9 | 20.4 | 0.3 | -0.1 | -0.3 | 498.1 | 323.8 | 0.2 | 50.8 | 999.9 | 999. |

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 247
LONGVIEW, TEXAS
24 APRIL 1982
2300 GMT

DATA INTERPOLATED FROM NWS SIGNIFICANT LEVEL DATA

0 13.

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RIO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0 0 | 99.9 | 124.0 | 1002.0 | 12.2 | 11.2 | 90.0 | 1.5 | -1.5 | -0.0 | 285.2 | 306.7 | 8.4 | 93.6 | 999.9 | 999 |
| 0 1 | 99.9 | 140.8 | 1000.0 | 11.9 | 11.2 | 94.3 | 1.7 | -1.7 | 0.1 | 285.1 | 306.6 | 8.4 | 95.5 | 999.9 | 999 |
| 0 8 | 99.9 | 352.7 | 975.0 | 10.6 | 9.9 | 111.9 | 2.8 | -2.6 | 1.1 | 285.8 | 306.2 | 7.9 | 95.7 | 999.9 | 999 |
| 1 6 | 99.9 | 569.1 | 950.0 | 9.2 | 8.6 | 137.2 | 4.8 | -3.2 | 3.5 | 286.5 | 305.9 | 7.4 | 95.9 | 999.9 | 999 |
| 2 1 | 99.9 | 790.4 | 925.0 | 9.1 | 8.5 | 146.7 | 6.4 | -3.5 | 5.4 | 288.7 | 308.4 | 7.6 | 95.7 | 999.9 | 999 |
| 2 9 | 99.9 | 1018.2 | 900.0 | 9.2 | 8.5 | 154.9 | 8.0 | -3.4 | 7.2 | 291.0 | 311.5 | 7.8 | 95.4 | 999.9 | 999 |
| 4 0 | 99.9 | 1252.0 | 875.0 | 8.5 | 7.8 | 165.9 | 7.7 | -1.9 | 6.8 | 292.6 | 312.8 | 7.6 | 95.3 | 999.9 | 999 |
| 4 8 | 99.9 | 1491.8 | 850.0 | 8.0 | 7.2 | 183.9 | 6.8 | 0.5 | 6.0 | 294.5 | 314.5 | 7.5 | 94.7 | 999.9 | 999 |
| 5 5 | 99.9 | 1738.2 | 825.0 | 6.8 | 5.5 | 199.2 | 6.3 | 2.1 | 5.5 | 295.8 | 314.5 | 5.0 | 91.1 | 999.9 | 999 |
| 6 4 | 99.9 | 1991.0 | 800.0 | 5.7 | 0.6 | 215.3 | 6.7 | 3.9 | 5.5 | 297.2 | 311.2 | 5.0 | 89.8 | 999.9 | 999 |
| 7 2 | 99.9 | 2250.5 | 775.0 | 4.4 | -0.2 | 228.2 | 8.2 | 5.1 | 5.0 | 300.4 | 312.4 | 4.9 | 80.9 | 999.9 | 999 |
| 8 1 | 99.9 | 2517.4 | 750.0 | 3.5 | -0.6 | 241.1 | 10.3 | 8.0 | 5.0 | 302.1 | 316.7 | 5.2 | 81.8 | 999.9 | 999 |
| 9 1 | 99.9 | 2792.6 | 725.0 | 2.4 | -0.4 | 250.5 | 10.8 | 10.2 | 3.6 | 302.1 | 316.7 | 4.3 | 74.0 | 999.9 | 999 |
| 10 1 | 99.9 | 3075.8 | 700.0 | 0.9 | -3.2 | 256.9 | 11.3 | 11.0 | 2.6 | 303.5 | 315.9 | 4.8 | 54.3 | 999.9 | 999 |
| 10 9 | 99.9 | 3367.5 | 675.0 | 0.1 | -9.1 | 264.5 | 11.3 | 11.3 | 1.1 | 304.4 | 312.8 | 1.8 | 40.1 | 999.9 | 999 |
| 11 9 | 99.9 | 3667.4 | 650.0 | -1.1 | -14.9 | 273.4 | 11.3 | 12.7 | -0.7 | 305.2 | 310.8 | 1.4 | 34.8 | 999.9 | 999 |
| 12 9 | 99.9 | 3967.1 | 625.0 | -5.9 | -18.9 | 266.8 | 12.7 | 14.4 | 3.1 | 305.7 | 310.5 | 1.2 | 34.9 | 999.9 | 999 |
| 13 9 | 99.9 | 4264.6 | 600.0 | -8.1 | -20.9 | 257.8 | 14.9 | 14.5 | 3.6 | 306.7 | 311.7 | 0.8 | 41.3 | 999.9 | 999 |
| 15 0 | 99.9 | 4523.8 | 575.0 | -10.4 | -21.0 | 256.0 | 15.7 | 14.6 | 5.8 | 308.9 | 311.5 | 0.1 | 29.7 | 999.9 | 999 |
| 16 2 | 99.9 | 4823.6 | 550.0 | -12.8 | -26.8 | 248.4 | 15.7 | 14.6 | 10.0 | 310.8 | 311.3 | 0.1 | 5.7 | 999.9 | 999 |
| 17 4 | 99.9 | 5181.0 | 525.0 | -14.7 | -44.7 | 235.2 | 17.5 | 14.4 | 11.4 | 314.0 | 314.5 | 0.1 | 5.5 | 999.9 | 999 |
| 18 6 | 99.9 | 5586.7 | 500.0 | -15.6 | -45.6 | 233.5 | 19.1 | 15.4 | 10.5 | 316.5 | 316.9 | 0.1 | 5.3 | 999.9 | 999 |
| 19 8 | 99.9 | 6072.6 | 475.0 | -17.3 | -47.3 | 238.2 | 20.0 | 17.0 | 10.6 | 317.5 | 317.8 | 0.1 | 4.8 | 999.9 | 999 |
| 21 1 | 99.9 | 6475.3 | 450.0 | -20.5 | -50.5 | 240.0 | 21.2 | 18.3 | 10.8 | 318.0 | 318.2 | 0.0 | 4.3 | 999.9 | 999 |
| 22 5 | 99.9 | 6895.3 | 425.0 | -24.2 | -54.2 | 239.5 | 21.4 | 18.4 | 11.1 | 318.2 | 318.4 | 0.0 | 3.7 | 999.9 | 999 |
| 23 9 | 99.9 | 7333.8 | 400.0 | -28.3 | -58.3 | 239.0 | 21.6 | 18.5 | 12.2 | 320.2 | 320.3 | 0.0 | 3.4 | 999.9 | 999 |
| 25 4 | 99.9 | 7793.9 | 375.0 | -31.3 | -61.3 | 241.3 | 25.4 | 22.3 | 12.6 | 322.3 | 320.3 | 0.0 | 3.0 | 999.9 | 999 |
| 27 0 | 99.9 | 8279.4 | 350.0 | -34.5 | -64.5 | 244.0 | 28.8 | 25.9 | 12.6 | 324.4 | 322.3 | 0.0 | 2.6 | 999.9 | 999 |
| 28 7 | 99.9 | 8793.8 | 325.0 | -37.9 | -67.9 | 245.8 | 29.5 | 27.0 | 12.1 | 327.2 | 324.5 | 0.0 | 2.6 | 999.9 | 999 |
| 30 5 | 99.9 | 9341.2 | 300.0 | -41.3 | -69.9 | 250.9 | 32.9 | 31.1 | 10.8 | 330.0 | 327.2 | 0.0 | 2.6 | 999.9 | 999 |
| 32 3 | 99.9 | 9927.3 | 275.0 | -45.1 | -69.9 | 248.7 | 33.5 | 35.9 | 16.9 | 332.9 | 327.2 | 0.0 | 2.6 | 999.9 | 999 |
| 34 3 | 99.9 | 10558.3 | 250.0 | -49.2 | -69.9 | 247.0 | 33.1 | 34.8 | 18.0 | 337.8 | 327.2 | 0.0 | 2.6 | 999.9 | 999 |
| 36 4 | 99.9 | 11243.0 | 225.0 | -52.7 | -69.9 | 242.6 | 39.2 | 34.7 | 14.7 | 344.3 | 327.2 | 0.0 | 2.6 | 999.9 | 999 |
| 38 7 | 99.9 | 11998.9 | 200.0 | -55.9 | -69.9 | 247.0 | 37.7 | 34.7 | 19.5 | 351.1 | 327.2 | 0.0 | 2.6 | 999.9 | 999 |
| 41 1 | 99.9 | 12840.9 | 175.0 | -59.9 | -69.9 | 241.9 | 41.5 | 36.6 | 19.5 | 374.1 | 327.2 | 0.0 | 2.6 | 999.9 | 999 |
| 44 2 | 99.9 | 13813.8 | 150.0 | -55.7 | -69.9 | 255.0 | 32.2 | 32.0 | 8.6 | 389.3 | 327.2 | 0.0 | 2.6 | 999.9 | 999 |
| 47 5 | 99.9 | 14965.6 | 125.0 | -58.4 | -69.9 | 253.0 | 26.8 | 25.6 | 7.8 | 407.2 | 327.2 | 0.0 | 2.6 | 999.9 | 999 |
| 51 6 | 99.9 | 16356.4 | 100.0 | -62.4 | -69.9 | 249.4 | 16.5 | 15.4 | 5.8 | 437.8 | 327.2 | 0.0 | 2.6 | 999.9 | 999 |
| 56 6 | 99.9 | 18122.3 | 75.0 | -64.5 | -69.9 | 274.0 | 7.1 | 7.0 | -0.5 | 503.8 | 327.2 | 0.0 | 2.6 | 999.9 | 999 |
| 63 7 | 99.9 | 20633.8 | 50.0 | -59.3 | -69.9 | 196.8 | 2.5 | 0.7 | -0.3 | 633.7 | 327.2 | 0.0 | 2.6 | 999.9 | 999 |
| 74 6 | 99.9 | 25056.9 | 25.0 | -52.5 | -69.9 | 282.6 | 1.2 | 1.2 | -0.3 | | | | | | |

ORIGINAL PAGE 13
OF POOR QUALITY

STATION NO. 247
LONGVIEW, TEXAS
25 APRIL 1982
1100 GMT

DATA INTERPOLATED FROM NWS SIGNIFICANT LEVEL DATA

0 8.

| TIME MUT | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 99.9 | 124.0 | 995.1 | 13.3 | 13.3 | 120.0 | 1.5 | -1.3 | 0.8 | 286.8 | 311.7 | 9.7 | 100.0 | 999.9 | 999.9 |
| 0.7 | 99.9 | 304.2 | 1000.0 | 99.9 | 99.9 | 174.3 | 99.9 | 99.9 | 5.7 | 288.5 | 313.6 | 9.7 | 99.9 | 999.9 | 999.9 |
| 1.5 | 99.9 | 523.9 | 975.0 | 13.2 | 13.0 | 189.0 | 5.8 | -0.6 | 8.3 | 281.0 | 317.8 | 10.2 | 98.5 | 999.9 | 999.9 |
| 2.3 | 99.9 | 749.0 | 950.0 | 13.6 | 12.9 | 200.9 | 8.4 | 1.3 | 8.9 | 292.9 | 319.7 | 10.2 | 98.1 | 999.9 | 999.9 |
| 3.2 | 99.9 | 980.4 | 925.0 | 13.0 | 12.7 | 209.3 | 9.5 | 3.4 | 9.0 | 295.0 | 322.5 | 10.4 | 98.1 | 999.9 | 999.9 |
| 4.0 | 99.9 | 1217.6 | 900.0 | 13.0 | 11.7 | 216.1 | 10.3 | 5.0 | 8.3 | 298.3 | 322.5 | 10.0 | 98.0 | 999.9 | 999.9 |
| 5.0 | 99.9 | 1460.6 | 875.0 | 12.0 | 10.7 | 219.0 | 10.8 | 6.1 | 8.4 | 297.4 | 322.5 | 9.3 | 97.4 | 999.9 | 999.9 |
| 6.0 | 99.9 | 1709.0 | 850.0 | 10.7 | 10.3 | 224.4 | 12.2 | 8.5 | 8.7 | 297.2 | 318.6 | 8.0 | 96.2 | 999.9 | 999.9 |
| 7.0 | 99.9 | 1982.4 | 825.0 | 8.1 | 10.3 | 241.4 | 12.2 | 10.4 | 8.7 | 297.2 | 308.5 | 2.3 | 27.3 | 999.9 | 999.9 |
| 8.0 | 99.9 | 2244.2 | 800.0 | 7.7 | 9.8 | 259.6 | 10.9 | 10.7 | 5.7 | 302.1 | 304.7 | 0.7 | 9.7 | 999.9 | 999.9 |
| 9.0 | 99.9 | 2583.1 | 775.0 | 5.6 | 22.3 | 265.4 | 10.9 | 10.3 | 0.8 | 302.1 | 304.7 | 0.7 | 9.3 | 999.9 | 999.9 |
| 10.0 | 99.9 | 2789.0 | 725.0 | 3.5 | -24.4 | 268.6 | 10.3 | 10.3 | 0.3 | 303.3 | 305.2 | 0.6 | 8.9 | 999.9 | 999.9 |
| 11.0 | 99.9 | 3052.3 | 700.0 | 1.2 | -26.5 | 271.7 | 11.2 | 11.2 | -0.3 | 303.3 | 305.2 | 0.5 | 8.4 | 999.9 | 999.9 |
| 12.0 | 99.9 | 3344.0 | 675.0 | 0.2 | -29.8 | 261.7 | 12.8 | 12.6 | 1.8 | 305.8 | 307.9 | 0.4 | 8.2 | 999.9 | 999.9 |
| 13.0 | 99.9 | 3645.1 | 650.0 | -2.1 | -32.1 | 248.9 | 14.4 | 13.2 | 5.8 | 308.6 | 307.9 | 0.3 | 7.4 | 999.9 | 999.9 |
| 14.0 | 99.9 | 3955.1 | 625.0 | -4.0 | -34.6 | 239.8 | 13.9 | 12.1 | 6.7 | 307.7 | 308.2 | 0.3 | 6.9 | 999.9 | 999.9 |
| 15.0 | 99.9 | 4274.7 | 600.0 | -7.3 | -37.3 | 239.8 | 13.4 | 11.6 | 8.7 | 307.7 | 308.2 | 0.2 | 6.5 | 999.9 | 999.9 |
| 16.0 | 99.9 | 4604.7 | 575.0 | -9.5 | -39.6 | 241.2 | 14.2 | 12.5 | 6.8 | 308.7 | 309.5 | 0.2 | 6.1 | 999.9 | 999.9 |
| 17.0 | 99.9 | 4946.3 | 550.0 | -12.1 | -42.1 | 244.0 | 17.2 | 15.5 | 7.5 | 309.8 | 310.4 | 0.2 | 5.7 | 999.9 | 999.9 |
| 18.0 | 99.9 | 5300.9 | 525.0 | -14.6 | -44.6 | 242.0 | 17.2 | 15.8 | 8.9 | 310.9 | 311.3 | 0.1 | 5.3 | 999.9 | 999.9 |
| 19.0 | 99.9 | 5687.9 | 500.0 | -17.3 | -47.3 | 241.6 | 20.3 | 17.8 | 9.6 | 312.0 | 312.3 | 0.1 | 4.9 | 999.9 | 999.9 |
| 20.0 | 99.9 | 6050.6 | 475.0 | -19.6 | -49.6 | 241.0 | 20.2 | 17.7 | 9.8 | 312.8 | 312.1 | 0.1 | 4.5 | 999.9 | 999.9 |
| 21.0 | 99.9 | 6450.2 | 450.0 | -22.3 | -52.3 | 243.2 | 20.4 | 18.2 | 9.2 | 315.2 | 315.5 | 0.0 | 4.1 | 999.9 | 999.9 |
| 22.0 | 99.9 | 6867.5 | 425.0 | -25.5 | -55.5 | 242.5 | 23.2 | 20.5 | 10.7 | 315.3 | 315.5 | 0.0 | 3.7 | 999.9 | 999.9 |
| 23.0 | 99.9 | 7304.2 | 400.0 | -28.9 | -58.9 | 242.4 | 26.9 | 23.8 | 12.5 | 317.4 | 317.8 | 0.0 | 3.2 | 999.9 | 999.9 |
| 24.0 | 99.9 | 7762.3 | 375.0 | -32.8 | -62.4 | 242.1 | 25.8 | 22.8 | 12.1 | 318.2 | 318.3 | 0.0 | 2.7 | 999.9 | 999.9 |
| 25.0 | 99.9 | 8243.9 | 350.0 | -36.9 | -66.9 | 243.9 | 28.7 | 25.7 | 12.8 | 319.0 | 319.0 | 0.0 | 2.7 | 999.9 | 999.9 |
| 26.0 | 99.9 | 8752.2 | 325.0 | -40.8 | -69.9 | 243.0 | 24.7 | 22.0 | 11.2 | 320.5 | 319.9 | 0.0 | 2.7 | 999.9 | 999.9 |
| 27.0 | 99.9 | 9293.8 | 300.0 | -44.3 | -73.0 | 243.0 | 28.2 | 22.9 | 13.1 | 322.9 | 319.9 | 0.0 | 2.7 | 999.9 | 999.9 |
| 28.0 | 99.9 | 9870.7 | 275.0 | -48.5 | -76.5 | 245.6 | 28.9 | 26.3 | 11.9 | 325.0 | 319.9 | 0.0 | 2.7 | 999.9 | 999.9 |
| 29.0 | 99.9 | 10493.7 | 250.0 | -51.1 | -79.9 | 249.0 | 31.1 | 29.0 | 11.2 | 330.1 | 319.9 | 0.0 | 2.7 | 999.9 | 999.9 |
| 30.0 | 99.9 | 11175.0 | 225.0 | -53.4 | -83.4 | 250.9 | 33.3 | 31.5 | 10.9 | 330.7 | 319.9 | 0.0 | 2.7 | 999.9 | 999.9 |
| 31.0 | 99.9 | 11928.0 | 200.0 | -56.4 | -86.4 | 250.5 | 26.0 | 24.5 | 8.7 | 343.5 | 319.9 | 0.0 | 2.7 | 999.9 | 999.9 |
| 32.0 | 99.9 | 12782.3 | 175.0 | -59.6 | -89.6 | 247.4 | 25.2 | 23.3 | 9.7 | 361.4 | 319.9 | 0.0 | 2.7 | 999.9 | 999.9 |
| 33.0 | 99.9 | 13771.6 | 150.0 | -55.2 | -85.2 | 235.0 | 22.1 | 18.1 | 12.7 | 375.0 | 319.9 | 0.0 | 2.7 | 999.9 | 999.9 |
| 34.0 | 99.9 | 14921.3 | 125.0 | -58.3 | -88.3 | 250.3 | 23.8 | 22.4 | 18.0 | 388.4 | 319.9 | 0.0 | 2.7 | 999.9 | 999.9 |
| 35.0 | 99.9 | 16327.8 | 100.0 | -61.5 | -91.5 | 237.0 | 18.8 | 15.8 | 10.2 | 400.9 | 319.9 | 0.0 | 2.7 | 999.9 | 999.9 |
| 36.0 | 99.9 | 18110.8 | 75.0 | -63.2 | -93.2 | 260.7 | 15.1 | 12.0 | 0.8 | 440.4 | 319.9 | 0.0 | 2.7 | 999.9 | 999.9 |
| 37.0 | 99.9 | 20622.9 | 50.0 | -60.9 | -90.9 | 95.7 | 1.2 | -1.2 | 0.1 | 500.0 | 319.9 | 0.0 | 2.7 | 999.9 | 999.9 |
| 38.0 | 99.9 | 25038.2 | 25.0 | -50.9 | -80.9 | 311.9 | 0.7 | 0.6 | -0.5 | 638.3 | 319.9 | 0.0 | 2.7 | 999.9 | 999.9 |

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 255
VICTORIA, TEXAS

24 APRIL 1982
1100 GMT

DATA INTERPOLATED FROM NWS SIGNIFICANT LEVEL DATA

0 20

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 99.9 | 33.0 | 1014.3 | 13.3 | 10.5 | 330.0 | 3.6 | 1.8 | -3.1 | 285.3 | 305.6 | 7.9 | 83.1 | 999.9 | 999.9 |
| 0.5 | 99.9 | 152.6 | 1000.0 | 13.1 | 9.5 | 28.6 | 3.9 | -1.9 | -3.4 | 286.3 | 305.6 | 7.5 | 78.8 | 999.9 | 999.9 |
| 1.2 | 99.9 | 265.8 | 975.0 | 12.7 | 10.7 | 60.9 | 6.2 | -5.5 | -3.0 | 287.9 | 309.5 | 8.3 | 87.6 | 999.9 | 999.9 |
| 2.0 | 99.9 | 584.2 | 950.0 | 12.3 | 11.6 | 83.5 | 5.2 | -5.1 | -0.6 | 289.6 | 313.2 | 9.1 | 95.6 | 999.9 | 999.9 |
| 2.8 | 99.9 | 808.3 | 925.0 | 12.0 | 11.5 | 123.8 | 4.4 | -3.7 | 2.4 | 291.6 | 315.9 | 9.3 | 96.4 | 999.9 | 999.9 |
| 3.6 | 99.9 | 1038.3 | 900.0 | 11.8 | 10.6 | 156.7 | 5.4 | -2.1 | 4.9 | 293.7 | 318.7 | 9.4 | 97.1 | 999.9 | 999.9 |
| 4.4 | 99.9 | 1274.5 | 875.0 | 11.0 | 10.3 | 173.0 | 6.4 | -0.8 | 6.3 | 295.2 | 320.0 | 9.3 | 97.6 | 999.9 | 999.9 |
| 5.3 | 99.9 | 1516.7 | 850.0 | 9.9 | 9.6 | 183.5 | 6.8 | 0.4 | 6.8 | 296.5 | 320.4 | 8.9 | 98.0 | 999.9 | 999.9 |
| 6.3 | 99.9 | 1765.4 | 825.0 | 9.6 | 9.2 | 198.8 | 7.6 | 2.4 | 7.2 | 298.7 | 323.0 | 8.9 | 97.7 | 999.9 | 999.9 |
| 7.3 | 99.9 | 2021.4 | 800.0 | 9.2 | 8.9 | 219.6 | 10.3 | 6.5 | 7.9 | 301.0 | 325.6 | 9.0 | 97.5 | 999.9 | 999.9 |
| 8.3 | 99.9 | 2285.1 | 775.0 | 8.2 | 7.8 | 227.6 | 13.8 | 10.2 | 9.3 | 302.6 | 325.8 | 8.6 | 97.2 | 999.9 | 999.9 |
| 9.3 | 99.9 | 2555.9 | 750.0 | 6.6 | 6.1 | 228.1 | 14.9 | 11.1 | 10.0 | 303.7 | 325.8 | 7.9 | 97.0 | 999.9 | 999.9 |
| 10.4 | 99.9 | 2834.1 | 725.0 | 4.9 | 4.4 | 225.2 | 15.3 | 10.9 | 10.8 | 304.8 | 324.7 | 6.6 | 96.8 | 999.9 | 999.9 |
| 11.5 | 99.9 | 3120.1 | 700.0 | 3.1 | 2.6 | 221.4 | 16.7 | 11.1 | 12.5 | 305.9 | 323.8 | 5.9 | 95.4 | 999.9 | 999.9 |
| 12.7 | 99.9 | 3414.5 | 675.0 | 1.1 | 0.5 | 217.6 | 18.2 | 11.1 | 14.4 | 306.9 | 323.8 | 5.7 | 94.4 | 999.9 | 999.9 |
| 14.1 | 99.9 | 3718.0 | 650.0 | 0.3 | -0.5 | 216.1 | 19.7 | 12.2 | 15.4 | 311.1 | 326.7 | 5.2 | 94.5 | 999.9 | 999.9 |
| 15.6 | 99.9 | 4032.4 | 625.0 | -1.2 | -2.0 | 218.2 | 20.6 | 13.3 | 15.8 | 312.9 | 327.4 | 4.9 | 94.6 | 999.9 | 999.9 |
| 17.1 | 99.9 | 4357.6 | 600.0 | -2.8 | -3.6 | 220.0 | 21.5 | 14.3 | 16.4 | 314.7 | 328.2 | 4.5 | 94.7 | 999.9 | 999.9 |
| 18.7 | 99.9 | 4694.5 | 575.0 | -4.5 | -5.2 | 220.8 | 21.8 | 14.3 | 16.5 | 316.4 | 328.7 | 4.0 | 94.4 | 999.9 | 999.9 |
| 20.2 | 99.9 | 5043.9 | 550.0 | -6.5 | -7.2 | 220.8 | 22.0 | 14.3 | 17.0 | 317.8 | 328.6 | 3.5 | 93.0 | 999.9 | 999.9 |
| 21.7 | 99.9 | 5406.6 | 525.0 | -8.8 | -9.7 | 219.3 | 22.0 | 13.9 | 17.0 | 319.0 | 328.0 | 2.5 | 90.8 | 999.9 | 999.9 |
| 23.2 | 99.9 | 5783.1 | 500.0 | -11.5 | -12.8 | 219.4 | 21.6 | 13.7 | 16.7 | 321.2 | 329.1 | 2.5 | 87.8 | 999.9 | 999.9 |
| 24.6 | 99.9 | 6175.5 | 475.0 | -13.5 | -15.1 | 224.0 | 21.0 | 14.6 | 15.1 | 321.2 | 326.3 | 1.7 | 79.4 | 999.9 | 999.9 |
| 26.1 | 99.9 | 6583.8 | 450.0 | -17.8 | -20.5 | 236.0 | 18.6 | 15.3 | 10.4 | 320.9 | 323.2 | 0.8 | 57.3 | 999.9 | 999.9 |
| 27.7 | 99.9 | 7007.5 | 425.0 | -22.4 | -28.5 | 247.1 | 19.2 | 18.6 | 8.2 | 320.3 | 323.2 | 0.4 | 33.5 | 999.9 | 999.9 |
| 29.3 | 99.9 | 7450.0 | 400.0 | -25.8 | -37.1 | 255.2 | 20.5 | 20.2 | 4.9 | 321.5 | 322.8 | 0.1 | 12.1 | 999.9 | 999.9 |
| 31.2 | 99.9 | 7914.2 | 375.0 | -29.4 | -49.5 | 260.2 | 23.3 | 22.4 | 3.5 | 322.7 | 323.9 | 0.0 | 3.3 | 999.9 | 999.9 |
| 33.2 | 99.9 | 8403.0 | 350.0 | -33.2 | -62.8 | 254.3 | 23.5 | 25.4 | 10.5 | 323.9 | 326.4 | 0.0 | 2.8 | 999.9 | 999.9 |
| 35.7 | 99.9 | 8920.1 | 325.0 | -36.5 | -66.5 | 247.5 | 27.5 | 28.4 | 11.9 | 326.3 | 326.4 | 99.9 | 99.9 | 999.9 | 999.9 |
| 38.4 | 99.9 | 9470.7 | 300.0 | -40.3 | -69.9 | 247.5 | 31.1 | 30.1 | 5.3 | 331.2 | 329.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 40.8 | 99.9 | 10059.2 | 275.0 | -44.2 | -69.9 | 259.0 | 30.6 | 33.1 | 5.5 | 334.0 | 329.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 43.5 | 99.9 | 10692.3 | 250.0 | -48.5 | -69.9 | 258.3 | 33.7 | 33.1 | 7.8 | 336.5 | 329.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 46.7 | 99.9 | 11377.9 | 225.0 | -53.5 | -69.9 | 258.3 | 36.2 | 35.8 | 5.8 | 339.2 | 329.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 50.2 | 99.9 | 12126.1 | 200.0 | -59.1 | -69.9 | 258.3 | 41.1 | 38.0 | 2.1 | 347.1 | 329.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 54.2 | 99.9 | 12855.2 | 175.0 | -62.3 | -69.9 | 257.1 | 39.5 | 36.9 | 7.0 | 347.1 | 329.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 58.6 | 99.9 | 13912.8 | 150.0 | -69.8 | -69.9 | 259.8 | 24.0 | 21.8 | 9.9 | 382.8 | 329.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 63.6 | 99.9 | 15056.7 | 125.0 | -62.0 | -69.9 | 245.7 | 23.7 | 23.7 | 9.9 | 382.8 | 329.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 69.0 | 99.9 | 16420.5 | 100.0 | -66.7 | -69.9 | 270.0 | 6.6 | 6.4 | -0.0 | 429.3 | 329.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 76.1 | 99.9 | 18152.5 | 75.0 | -68.5 | -69.9 | 255.2 | 3.1 | 1.4 | 1.7 | 457.4 | 329.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 86.0 | 99.9 | 20618.5 | 50.0 | -62.0 | -69.9 | 207.0 | 3.1 | 1.4 | 2.8 | 636.7 | 329.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 101.9 | 99.9 | 25030.1 | 25.0 | -51.5 | -69.9 | 345.2 | 5.5 | 1.4 | -5.3 | | | 99.9 | 99.9 | 999.9 | 999.9 |

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ORIGINAL PAGE 13
OF POOR QUALITY

STATION NO. 255
VICTORIA, TEXAS
24 APRIL 1982
2300 GMT

DATA INTERPOLATED FROM NWS SIGNIFICANT LEVEL DATA

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 99.9 | 33.0 | 1010.0 | 15.0 | 14.5 | 20.0 | 4.1 | -1.4 | -3.9 | 287.3 | 313.9 | 10.4 | 98.8 | 999.9 | 999.9 |
| 0.4 | 99.9 | 117.3 | 1000.0 | 13.6 | 13.1 | 35.4 | 4.3 | -2.5 | -3.5 | 286.8 | 311.2 | 9.5 | 96.8 | 999.9 | 999.9 |
| 1.1 | 99.9 | 330.9 | 975.0 | 13.5 | 13.2 | 59.5 | 5.0 | -4.3 | -2.5 | 288.8 | 314.2 | 9.9 | 97.9 | 999.9 | 999.9 |
| 2.0 | 99.9 | 552.0 | 950.0 | 16.1 | 15.6 | 104.6 | 5.6 | -5.4 | -1.4 | 293.5 | 324.6 | 11.8 | 98.9 | 999.9 | 999.9 |
| 2.7 | 99.9 | 779.1 | 925.0 | 15.2 | 14.8 | 129.9 | 5.1 | -3.9 | 3.3 | 294.9 | 325.3 | 11.2 | 97.2 | 999.9 | 999.9 |
| 3.5 | 99.9 | 1011.8 | 900.0 | 14.3 | 13.9 | 153.6 | 4.1 | -1.2 | 4.0 | 296.2 | 326.0 | 11.5 | 97.5 | 999.9 | 999.9 |
| 4.3 | 99.9 | 1250.2 | 875.0 | 13.4 | 13.0 | 189.0 | 4.4 | 1.4 | 4.2 | 297.7 | 326.8 | 10.9 | 97.8 | 999.9 | 999.9 |
| 5.1 | 99.9 | 1494.6 | 850.0 | 12.4 | 12.1 | 205.9 | 5.3 | 2.3 | 4.8 | 299.1 | 327.6 | 10.5 | 98.0 | 999.9 | 999.9 |
| 5.9 | 99.9 | 1745.4 | 825.0 | 11.4 | 11.1 | 198.7 | 6.5 | 2.1 | 6.2 | 300.7 | 328.2 | 10.1 | 97.7 | 999.9 | 999.9 |
| 6.7 | 99.9 | 2003.0 | 800.0 | 10.4 | 10.0 | 208.5 | 7.8 | 3.5 | 7.0 | 302.3 | 328.9 | 9.7 | 97.4 | 999.9 | 999.9 |
| 7.6 | 99.9 | 2287.4 | 775.0 | 8.6 | 8.2 | 213.3 | 8.2 | 4.5 | 6.9 | 303.1 | 329.6 | 8.9 | 97.3 | 999.9 | 999.9 |
| 8.5 | 99.9 | 2538.4 | 750.0 | 6.5 | 6.1 | 218.5 | 8.2 | 4.9 | 6.6 | 303.7 | 329.8 | 7.9 | 97.3 | 999.9 | 999.9 |
| 9.5 | 99.9 | 2816.3 | 725.0 | 4.7 | 4.3 | 221.8 | 8.0 | 5.3 | 5.9 | 304.6 | 331.6 | 6.0 | 97.3 | 999.9 | 999.9 |
| 10.4 | 99.9 | 3101.8 | 700.0 | 2.9 | -4.4 | 220.0 | 7.9 | 4.8 | 3.9 | 305.7 | 331.2 | 3.9 | 98.5 | 999.9 | 999.9 |
| 11.4 | 99.9 | 3395.1 | 675.0 | 1.0 | -20.9 | 220.0 | 9.8 | 9.6 | 3.9 | 306.8 | 331.7 | 1.1 | 98.5 | 999.9 | 999.9 |
| 12.4 | 99.9 | 3697.7 | 650.0 | -0.1 | -24.2 | 220.0 | 11.7 | 11.7 | 0.9 | 308.9 | 331.6 | 0.8 | 17.5 | 999.9 | 999.9 |
| 13.4 | 99.9 | 4010.9 | 625.0 | -1.7 | -16.6 | 220.0 | 12.1 | 12.0 | 1.7 | 310.5 | 335.7 | 1.7 | 14.1 | 999.9 | 999.9 |
| 14.5 | 99.9 | 4334.0 | 600.0 | -4.8 | -19.3 | 220.0 | 12.6 | 12.3 | 2.8 | 312.9 | 335.0 | 1.4 | 30.8 | 999.9 | 999.9 |
| 15.6 | 99.9 | 4667.2 | 575.0 | -8.1 | -36.1 | 220.0 | 14.6 | 14.2 | 3.5 | 314.9 | 335.8 | 0.3 | 7.1 | 999.9 | 999.9 |
| 16.9 | 99.9 | 5013.9 | 550.0 | -7.8 | -37.8 | 220.0 | 16.8 | 16.5 | 3.0 | 317.9 | 335.8 | 0.2 | 6.5 | 999.9 | 999.9 |
| 18.2 | 99.9 | 5374.4 | 525.0 | -9.5 | -39.5 | 220.0 | 17.8 | 17.7 | 1.8 | 317.9 | 335.8 | 0.2 | 6.5 | 999.9 | 999.9 |
| 19.6 | 99.9 | 5750.0 | 500.0 | -11.3 | -41.3 | 220.0 | 20.3 | 20.2 | 2.0 | 317.9 | 335.8 | 0.2 | 6.5 | 999.9 | 999.9 |
| 20.9 | 99.9 | 6141.6 | 475.0 | -13.8 | -43.8 | 220.0 | 22.5 | 22.2 | 3.4 | 320.9 | 335.8 | 0.2 | 6.5 | 999.9 | 999.9 |
| 22.3 | 99.9 | 6550.4 | 450.0 | -16.4 | -46.4 | 220.0 | 24.5 | 24.4 | 3.0 | 322.7 | 335.8 | 0.1 | 5.4 | 999.9 | 999.9 |
| 23.8 | 99.9 | 6978.0 | 425.0 | -19.1 | -49.1 | 220.0 | 26.5 | 26.4 | 2.7 | 324.5 | 335.8 | 0.1 | 5.0 | 999.9 | 999.9 |
| 25.3 | 99.9 | 7426.8 | 400.0 | -22.0 | -52.0 | 220.0 | 28.5 | 28.4 | 2.7 | 327.4 | 335.8 | 0.1 | 4.6 | 999.9 | 999.9 |
| 26.9 | 99.9 | 7897.8 | 375.0 | -25.8 | -55.8 | 220.0 | 30.3 | 30.1 | 5.3 | 328.4 | 335.8 | 0.1 | 4.1 | 999.9 | 999.9 |
| 28.6 | 99.9 | 8393.6 | 350.0 | -29.9 | -59.9 | 220.0 | 32.7 | 32.5 | 8.2 | 328.5 | 335.8 | 0.0 | 3.5 | 999.9 | 999.9 |
| 30.5 | 99.9 | 8917.0 | 325.0 | -34.2 | -64.2 | 220.0 | 37.8 | 37.8 | 8.2 | 328.5 | 335.8 | 0.0 | 3.0 | 999.9 | 999.9 |
| 32.5 | 99.9 | 9471.7 | 300.0 | -38.3 | -68.3 | 220.0 | 36.9 | 36.9 | 8.4 | 328.5 | 335.8 | 0.0 | 2.6 | 999.9 | 999.9 |
| 34.6 | 99.9 | 10064.8 | 275.0 | -42.6 | -72.6 | 220.0 | 41.0 | 40.7 | 4.7 | 331.4 | 335.8 | 0.0 | 2.6 | 999.9 | 999.9 |
| 36.8 | 99.9 | 10701.7 | 250.0 | -47.4 | -77.4 | 220.0 | 42.2 | 41.7 | 6.5 | 332.5 | 335.8 | 0.0 | 2.6 | 999.9 | 999.9 |
| 39.1 | 99.9 | 11388.7 | 225.0 | -53.7 | -83.7 | 220.0 | 43.7 | 42.9 | 8.5 | 333.6 | 335.8 | 0.0 | 2.6 | 999.9 | 999.9 |
| 41.7 | 99.9 | 12137.2 | 200.0 | -58.3 | -88.3 | 220.0 | 43.7 | 40.1 | 9.5 | 334.5 | 335.8 | 0.0 | 2.6 | 999.9 | 999.9 |
| 44.8 | 99.9 | 12971.3 | 175.0 | -61.1 | -91.1 | 220.0 | 42.8 | 41.7 | 9.5 | 334.5 | 335.8 | 0.0 | 2.6 | 999.9 | 999.9 |
| 48.1 | 99.9 | 13925.8 | 150.0 | -62.4 | -92.4 | 220.0 | 39.2 | 37.5 | 11.5 | 332.6 | 335.8 | 0.0 | 2.6 | 999.9 | 999.9 |
| 52.3 | 99.9 | 15088.0 | 125.0 | -58.7 | -88.7 | 220.0 | 31.3 | 30.8 | 5.5 | 338.6 | 335.8 | 0.0 | 2.6 | 999.9 | 999.9 |
| 56.9 | 99.9 | 16454.0 | 100.0 | -64.1 | -94.1 | 220.0 | 17.3 | 17.1 | 2.8 | 433.9 | 335.8 | 0.0 | 2.6 | 999.9 | 999.9 |
| 62.5 | 99.9 | 18187.0 | 75.0 | -67.3 | -97.3 | 220.0 | 12.2 | 12.0 | 2.1 | 431.5 | 335.8 | 0.0 | 2.6 | 999.9 | 999.9 |
| 70.4 | 99.9 | 20657.6 | 50.0 | -62.9 | -92.9 | 220.0 | 2.7 | 2.6 | 2.6 | 431.5 | 335.8 | 0.0 | 2.6 | 999.9 | 999.9 |
| 83.8 | 99.9 | 25093.2 | 25.0 | -47.7 | -77.7 | 220.0 | 4.1 | 2.3 | -3.4 | 647.5 | 335.8 | 0.0 | 2.6 | 999.9 | 999.9 |

STATION NO. 255
VICTORIA, TEXAS
25 APRIL 1982
1100 GMT

0 8.

DATA INTERPOLATED FROM NWS SIGNIFICANT LEVEL DATA

| TIME MIN | QNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 99.9 | 33.0 | 1006.7 | 15.2 | 14.9 | 360.0 | 2.6 | 0.0 | -2.6 | 287.8 | 315.2 | 10.7 | 98.1 | 999.9 | 999.9 |
| 0.1 | 99.9 | 89.7 | 1000.0 | 15.0 | 14.7 | 353.6 | 2.3 | 0.3 | -2.3 | 288.2 | 315.4 | 10.6 | 98.1 | 999.9 | 999.9 |
| 0.8 | 99.9 | 304.9 | 975.0 | 16.4 | 15.9 | 272.8 | 2.3 | 0.3 | -0.1 | 291.7 | 322.2 | 11.7 | 96.5 | 999.9 | 999.9 |
| 1.6 | 99.9 | 527.6 | 950.0 | 17.0 | 16.5 | 217.8 | 4.3 | 2.6 | 3.4 | 294.5 | 326.2 | 12.5 | 96.5 | 999.9 | 999.9 |
| 2.4 | 99.9 | 755.3 | 925.0 | 15.5 | 15.0 | 201.5 | 7.4 | 2.7 | 6.9 | 295.2 | 326.2 | 11.7 | 97.0 | 999.9 | 999.9 |
| 3.2 | 99.9 | 988.0 | 900.0 | 14.0 | 13.6 | 199.7 | 8.7 | 2.9 | 8.2 | 295.9 | 325.1 | 11.0 | 97.4 | 999.9 | 999.9 |
| 4.1 | 99.9 | 1225.8 | 875.0 | 12.4 | 12.1 | 212.2 | 6.8 | 3.6 | 5.8 | 296.7 | 324.0 | 10.2 | 97.9 | 999.9 | 999.9 |
| 5.0 | 99.9 | 1468.3 | 850.0 | 9.7 | 20.3 | 239.0 | 4.7 | 4.0 | 2.4 | 304.5 | 329.0 | 0.9 | 11.2 | 999.9 | 999.9 |
| 5.7 | 99.9 | 1718.6 | 825.0 | 15.1 | -17.2 | 284.1 | 5.4 | 4.7 | 0.2 | 304.8 | 308.6 | 1.2 | 10.7 | 999.9 | 999.9 |
| 6.5 | 99.9 | 1977.6 | 800.0 | 12.8 | -19.6 | 285.0 | 6.3 | 5.2 | -1.3 | 305.0 | 308.2 | 1.0 | 10.2 | 999.9 | 999.9 |
| 7.4 | 99.9 | 2242.6 | 775.0 | 10.4 | -19.6 | 284.3 | 8.5 | 8.3 | -1.5 | 305.4 | 308.1 | 0.9 | 9.6 | 999.9 | 999.9 |
| 8.4 | 99.9 | 2513.9 | 750.0 | 8.1 | -21.9 | 289.7 | 11.2 | 10.6 | -3.8 | 306.6 | 310.1 | 0.7 | 9.4 | 999.9 | 999.9 |
| 9.2 | 99.9 | 2792.5 | 725.0 | 6.5 | -23.5 | 298.5 | 13.0 | 11.4 | -6.2 | 307.8 | 310.1 | 0.9 | 13.3 | 999.9 | 999.9 |
| 10.1 | 99.9 | 3079.2 | 700.0 | 4.8 | -25.2 | 302.4 | 14.1 | 11.9 | -7.4 | 309.1 | 312.8 | 1.2 | 19.7 | 999.9 | 999.9 |
| 11.1 | 99.9 | 3374.2 | 675.0 | 2.5 | -22.8 | 296.3 | 16.7 | 15.0 | -7.4 | 309.8 | 313.5 | 1.2 | 22.5 | 999.9 | 999.9 |
| 12.1 | 99.9 | 3677.8 | 650.0 | 0.1 | -20.3 | 292.0 | 19.0 | 17.6 | -7.1 | 310.8 | 313.1 | 0.7 | 15.6 | 999.9 | 999.9 |
| 13.2 | 99.9 | 3990.5 | 625.0 | -2.3 | -20.8 | 291.3 | 21.5 | 20.1 | -6.5 | 311.7 | 313.1 | 0.4 | 10.3 | 999.9 | 999.9 |
| 14.2 | 99.9 | 4313.2 | 600.0 | -4.6 | -26.9 | 286.6 | 22.8 | 21.9 | -2.2 | 312.7 | 313.5 | 0.2 | 6.5 | 999.9 | 999.9 |
| 15.3 | 99.9 | 4646.5 | 575.0 | -7.1 | -33.2 | 275.8 | 24.8 | 21.7 | 1.7 | 314.0 | 314.6 | 0.2 | 6.1 | 999.9 | 999.9 |
| 16.4 | 99.9 | 4991.4 | 550.0 | -9.6 | -39.6 | 265.6 | 22.4 | 22.4 | 1.7 | 315.3 | 314.6 | 0.1 | 5.7 | 999.9 | 999.9 |
| 17.5 | 99.9 | 5348.9 | 525.0 | -12.0 | -42.0 | 261.6 | 23.9 | 23.6 | 3.5 | 317.9 | 318.4 | 0.1 | 5.4 | 999.9 | 999.9 |
| 18.7 | 99.9 | 5720.2 | 500.0 | -14.6 | -44.6 | 259.2 | 26.1 | 25.6 | 4.9 | 319.2 | 319.5 | 0.1 | 5.0 | 999.9 | 999.9 |
| 19.9 | 99.9 | 6107.5 | 475.0 | -16.2 | -46.2 | 261.6 | 27.3 | 27.0 | 4.0 | 319.9 | 320.2 | 0.1 | 4.5 | 999.9 | 999.9 |
| 21.2 | 99.9 | 6512.4 | 450.0 | -19.1 | -49.1 | 265.1 | 27.6 | 27.5 | 2.3 | 320.7 | 320.8 | 0.0 | 3.5 | 999.9 | 999.9 |
| 22.6 | 99.9 | 6934.7 | 425.0 | -22.7 | -52.7 | 265.0 | 29.3 | 29.3 | 2.0 | 321.7 | 321.8 | 0.0 | 3.0 | 999.9 | 999.9 |
| 24.0 | 99.9 | 7376.2 | 400.0 | -26.4 | -56.4 | 265.0 | 30.6 | 30.5 | 2.7 | 322.7 | 322.8 | 0.0 | 2.6 | 999.9 | 999.9 |
| 25.5 | 99.9 | 7838.2 | 375.0 | -30.1 | -60.1 | 265.0 | 35.3 | 35.2 | 2.5 | 323.7 | 323.7 | 0.0 | 2.6 | 999.9 | 999.9 |
| 27.1 | 99.9 | 8326.2 | 350.0 | -34.2 | -64.2 | 264.2 | 37.6 | 37.4 | 3.8 | 325.2 | 325.2 | 0.0 | 2.6 | 999.9 | 999.9 |
| 28.8 | 99.9 | 8840.4 | 325.0 | -38.5 | -68.5 | 259.5 | 39.6 | 39.0 | 7.2 | 328.8 | 328.8 | 0.0 | 2.6 | 999.9 | 999.9 |
| 30.6 | 99.9 | 9385.5 | 300.0 | -42.7 | -72.7 | 257.0 | 45.0 | 43.8 | 10.1 | 332.6 | 332.6 | 0.0 | 2.6 | 999.9 | 999.9 |
| 32.7 | 99.9 | 9968.8 | 275.0 | -45.9 | -75.9 | 255.0 | 44.8 | 43.3 | 11.6 | 337.2 | 337.2 | 0.0 | 2.6 | 999.9 | 999.9 |
| 35.0 | 99.9 | 10598.3 | 250.0 | -49.4 | -79.4 | 260.1 | 48.3 | 47.6 | 8.3 | 344.1 | 344.1 | 0.0 | 2.6 | 999.9 | 999.9 |
| 37.4 | 99.9 | 11283.2 | 225.0 | -53.1 | -83.1 | 266.5 | 44.0 | 43.9 | 2.7 | 355.9 | 355.9 | 0.0 | 2.6 | 999.9 | 999.9 |
| 40.1 | 99.9 | 12035.7 | 200.0 | -56.0 | -86.0 | 251.0 | 38.6 | 36.5 | 12.5 | 367.9 | 367.9 | 0.0 | 2.6 | 999.9 | 999.9 |
| 43.0 | 99.9 | 12887.7 | 175.0 | -57.0 | -87.0 | 260.0 | 38.0 | 38.4 | 6.8 | 389.4 | 389.4 | 0.0 | 2.6 | 999.9 | 999.9 |
| 46.2 | 99.9 | 13656.2 | 150.0 | -59.3 | -89.3 | 250.0 | 26.6 | 25.1 | 4.9 | 408.7 | 408.7 | 0.0 | 2.6 | 999.9 | 999.9 |
| 50.7 | 99.9 | 15002.9 | 125.0 | -58.3 | -88.3 | 255.3 | 26.6 | 25.1 | 5.8 | 425.3 | 425.3 | 0.0 | 2.6 | 999.9 | 999.9 |
| 55.4 | 99.9 | 16396.6 | 100.0 | -51.6 | -81.6 | 255.2 | 22.8 | 22.0 | 5.0 | 453.8 | 453.8 | 0.0 | 2.6 | 999.9 | 999.9 |
| 61.3 | 99.9 | 18146.1 | 75.0 | -70.4 | -99.9 | 246.4 | 12.5 | 11.4 | -0.8 | 503.8 | 503.8 | 0.0 | 2.6 | 999.9 | 999.9 |
| 69.5 | 99.9 | 20623.8 | 50.0 | -59.3 | -99.9 | 295.9 | 1.8 | 1.7 | -4.2 | 641.2 | 641.2 | 0.0 | 2.6 | 999.9 | 999.9 |
| 82.7 | 99.9 | 25050.9 | 25.0 | -49.9 | -99.9 | 330.5 | 4.8 | 2.4 | | | | | | | |

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 260
STEPHENVILLE, TEXAS
24 APRIL 1982
1100 GMT

0 13.

DATA INTERPOLATED FROM NWS SIGNIFICANT LEVEL DATA

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RIO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 99.9 | 399.0 | 972.4 | 9.2 | -1.0 | 170.0 | 3.6 | -0.6 | 3.5 | 284.6 | 294.4 | 3.7 | 48.8 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 0.6 | 99.9 | 591.7 | 975.0 | 7.8 | 4.9 | 173.0 | 5.8 | -0.7 | 5.8 | 285.1 | 300.0 | 5.7 | 82.1 | 999.9 | 999.9 |
| 1.5 | 99.9 | 811.3 | 925.0 | 6.3 | 5.0 | 179.6 | 7.4 | -0.0 | 7.4 | 285.8 | 301.3 | 5.9 | 91.1 | 999.9 | 999.9 |
| 2.3 | 99.9 | 1036.1 | 900.0 | 5.6 | 4.3 | 190.4 | 7.3 | 1.3 | 7.2 | 287.2 | 302.6 | 5.8 | 91.8 | 999.9 | 999.9 |
| 3.1 | 99.9 | 1268.0 | 875.0 | 8.6 | 8.2 | 205.3 | 6.7 | 2.8 | 6.0 | 292.7 | 313.6 | 7.9 | 97.8 | 999.9 | 999.9 |
| 4.0 | 99.9 | 1508.6 | 850.0 | 9.1 | 8.5 | 225.0 | 6.7 | 4.7 | 4.7 | 295.7 | 317.8 | 8.2 | 98.0 | 999.9 | 999.9 |
| 4.9 | 99.9 | 1755.8 | 825.0 | 7.3 | 6.2 | 232.5 | 5.8 | 4.6 | 3.5 | 296.4 | 316.1 | 7.3 | 98.0 | 999.9 | 999.9 |
| 5.7 | 99.9 | 2009.8 | 800.0 | 6.6 | 4.2 | 234.7 | 5.7 | 4.6 | 3.3 | 298.2 | 316.0 | 6.5 | 98.0 | 999.9 | 999.9 |
| 6.6 | 99.9 | 2269.6 | 775.0 | 4.5 | 3.8 | 227.4 | 7.2 | 5.3 | 4.9 | 298.6 | 316.6 | 6.5 | 98.0 | 999.9 | 999.9 |
| 7.4 | 99.9 | 2536.8 | 750.0 | 3.3 | 2.8 | 223.6 | 8.8 | 6.1 | 6.4 | 300.2 | 317.6 | 6.3 | 98.0 | 999.9 | 999.9 |
| 8.1 | 99.9 | 2811.8 | 725.0 | 2.1 | 1.7 | 224.7 | 9.4 | 6.8 | 6.7 | 301.8 | 318.6 | 6.0 | 97.2 | 999.9 | 999.9 |
| 8.7 | 99.9 | 3094.5 | 700.0 | 0.1 | -0.3 | 234.4 | 7.9 | 6.4 | 4.6 | 302.6 | 317.8 | 5.4 | 97.1 | 999.9 | 999.9 |
| 9.6 | 99.9 | 3386.5 | 675.0 | -0.3 | -0.7 | 260.2 | 7.9 | 7.7 | 1.3 | 305.4 | 320.9 | 5.4 | 97.1 | 999.9 | 999.9 |
| 10.5 | 99.9 | 3688.0 | 650.0 | -2.4 | -2.9 | 272.7 | 10.3 | 10.2 | -0.5 | 306.2 | 320.0 | 4.8 | 96.6 | 999.9 | 999.9 |
| 11.4 | 99.9 | 3998.5 | 625.0 | -4.9 | -5.4 | 273.6 | 12.3 | 12.2 | -0.8 | 306.8 | 318.8 | 4.1 | 94.0 | 999.9 | 999.9 |
| 12.4 | 99.9 | 4318.4 | 600.0 | -7.5 | -8.3 | 272.6 | 13.3 | 13.3 | -0.6 | 307.4 | 317.5 | 3.4 | 94.0 | 999.9 | 999.9 |
| 13.6 | 99.9 | 4648.4 | 575.0 | -9.8 | -12.1 | 269.6 | 14.5 | 14.5 | 0.1 | 308.5 | 316.4 | 2.6 | 94.0 | 999.9 | 999.9 |
| 14.9 | 99.9 | 4990.7 | 550.0 | -11.5 | -13.5 | 260.7 | 15.8 | 15.6 | 2.7 | 310.5 | 317.9 | 2.4 | 94.0 | 999.9 | 999.9 |
| 16.2 | 99.9 | 5346.7 | 525.0 | -13.2 | -15.1 | 249.7 | 18.2 | 17.0 | 6.5 | 312.6 | 319.5 | 2.3 | 94.0 | 999.9 | 999.9 |
| 17.6 | 99.9 | 5717.4 | 500.0 | -15.0 | -16.7 | 236.9 | 20.9 | 17.5 | 11.4 | 314.8 | 321.2 | 2.1 | 94.0 | 999.9 | 999.9 |
| 19.0 | 99.9 | 6103.8 | 475.0 | -17.5 | -18.6 | 230.1 | 24.1 | 18.5 | 15.5 | 316.4 | 321.8 | 1.7 | 94.0 | 999.9 | 999.9 |
| 20.3 | 99.9 | 6507.0 | 450.0 | -20.2 | -22.8 | 224.6 | 23.5 | 16.5 | 18.7 | 317.9 | 322.3 | 1.3 | 94.0 | 999.9 | 999.9 |
| 21.7 | 99.9 | 6928.4 | 425.0 | -23.1 | -26.5 | 219.0 | 23.2 | 14.7 | 20.1 | 319.4 | 322.8 | 1.0 | 94.0 | 999.9 | 999.9 |
| 23.2 | 99.9 | 7369.9 | 400.0 | -26.2 | -30.3 | 210.0 | 23.2 | 11.6 | 21.9 | 320.9 | 323.5 | 0.8 | 94.0 | 999.9 | 999.9 |
| 24.6 | 99.9 | 7833.4 | 375.0 | -29.9 | -34.2 | 202.8 | 23.8 | 9.2 | 24.8 | 322.0 | 323.9 | 0.6 | 94.0 | 999.9 | 999.9 |
| 26.2 | 99.9 | 8321.1 | 350.0 | -33.9 | -38.3 | 199.5 | 26.3 | 8.8 | 24.8 | 323.0 | 324.4 | 0.4 | 94.0 | 999.9 | 999.9 |
| 27.8 | 99.9 | 8835.9 | 325.0 | -38.2 | -42.8 | 197.0 | 26.8 | 7.8 | 25.6 | 324.1 | 325.0 | 0.3 | 94.0 | 999.9 | 999.9 |
| 29.3 | 99.9 | 9381.2 | 300.0 | -42.0 | -46.9 | 199.3 | 25.8 | 8.5 | 25.6 | 324.1 | 325.0 | 0.3 | 94.0 | 999.9 | 999.9 |
| 30.9 | 99.9 | 9960.7 | 275.0 | -46.6 | -51.9 | 201.8 | 27.5 | 10.2 | 25.5 | 324.8 | 325.9 | 0.3 | 94.0 | 999.9 | 999.9 |
| 32.7 | 99.9 | 10579.6 | 250.0 | -50.4 | -56.4 | 215.0 | 30.1 | 17.3 | 25.5 | 324.9 | 326.8 | 0.3 | 94.0 | 999.9 | 999.9 |
| 34.3 | 99.9 | 11253.4 | 225.0 | -53.3 | -59.9 | 232.2 | 38.3 | 30.3 | 23.5 | 326.8 | 327.9 | 0.3 | 94.0 | 999.9 | 999.9 |
| 36.2 | 99.9 | 11995.4 | 200.0 | -57.8 | -64.2 | 244.6 | 41.7 | 37.7 | 17.9 | 332.1 | 329.9 | 0.3 | 94.0 | 999.9 | 999.9 |
| 38.2 | 99.9 | 12831.5 | 175.0 | -59.8 | -67.9 | 251.6 | 38.7 | 36.8 | 12.2 | 354.5 | 329.9 | 0.3 | 94.0 | 999.9 | 999.9 |
| 41.6 | 99.9 | 13815.8 | 150.0 | -59.4 | -68.9 | 255.1 | 26.0 | 25.2 | 6.7 | 378.1 | 329.9 | 0.3 | 94.0 | 999.9 | 999.9 |
| 45.4 | 99.9 | 14971.7 | 125.0 | -59.4 | -68.9 | 232.3 | 19.6 | 15.5 | 12.0 | 387.4 | 329.9 | 0.3 | 94.0 | 999.9 | 999.9 |
| 49.0 | 99.9 | 16349.6 | 100.0 | -64.1 | -73.9 | 267.0 | 22.7 | 22.6 | 1.2 | 403.9 | 329.9 | 0.3 | 94.0 | 999.9 | 999.9 |
| 54.0 | 99.9 | 18106.5 | 75.0 | -65.2 | -75.9 | 237.6 | 4.1 | 3.4 | 1.2 | 436.2 | 329.9 | 0.3 | 94.0 | 999.9 | 999.9 |
| 60.5 | 99.9 | 20593.2 | 50.0 | -61.4 | -71.9 | 33.1 | 2.7 | -1.5 | -2.3 | 498.2 | 329.9 | 0.3 | 94.0 | 999.9 | 999.9 |
| 70.1 | 99.9 | 24971.1 | 25.0 | -53.6 | -69.9 | 56.0 | 2.3 | -1.9 | -1.3 | 630.5 | 329.9 | 0.3 | 94.0 | 999.9 | 999.9 |
| 85.5 | 99.9 | | | | | | | | | | | | | | |

ORIGINAL PAGE 13
OF POOR QUALITY

STATION NO. 260
STEPHENVILLE, TEXAS

24 APRIL 1982
2300 GMT

0 8

DATA INTERPOLATED FROM NWS SIGNIFICANT LEVEL DATA

| TIME MIN | CHTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 99.9 | 399.0 | 966.2 | 14.3 | 10.0 | 150.0 | 5.1 | -2.6 | 4.5 | 290.3 | 311.4 | 8.0 | 75.3 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 0.6 | 99.9 | 541.8 | 950.0 | 12.9 | 11.4 | 168.6 | 7.0 | -1.4 | 6.9 | 290.3 | 313.8 | 8.0 | 90.5 | 999.9 | 999.9 |
| 1.3 | 99.9 | 765.6 | 925.0 | 11.2 | 10.5 | 182.1 | 9.3 | 0.3 | 9.3 | 290.8 | 313.5 | 8.7 | 95.4 | 999.9 | 999.9 |
| 2.1 | 99.9 | 994.6 | 900.0 | 10.2 | 9.5 | 191.7 | 11.0 | 2.2 | 10.8 | 292.0 | 313.5 | 8.3 | 95.4 | 999.9 | 999.9 |
| 2.9 | 99.9 | 1229.1 | 875.0 | 9.1 | 8.4 | 195.8 | 12.3 | 3.3 | 11.8 | 293.2 | 314.4 | 7.9 | 95.4 | 999.9 | 999.9 |
| 3.8 | 99.9 | 1469.4 | 850.0 | 8.0 | 7.3 | 200.8 | 11.9 | 4.2 | 11.2 | 294.5 | 314.9 | 7.6 | 95.4 | 999.9 | 999.9 |
| 4.6 | 99.9 | 1716.2 | 825.0 | 7.6 | 6.8 | 211.8 | 11.1 | 5.9 | 9.4 | 296.6 | 317.1 | 6.3 | 94.7 | 999.9 | 999.9 |
| 5.4 | 99.9 | 1970.0 | 800.0 | 7.0 | 6.3 | 224.1 | 11.2 | 7.8 | 8.0 | 298.7 | 316.0 | 5.2 | 79.6 | 999.9 | 999.9 |
| 6.2 | 99.9 | 2231.2 | 775.0 | 6.5 | 0.6 | 230.8 | 12.0 | 9.3 | 7.6 | 300.8 | 315.3 | 4.7 | 66.2 | 999.9 | 999.9 |
| 7.1 | 99.9 | 2500.1 | 750.0 | 5.3 | -1.2 | 230.3 | 12.4 | 9.6 | 8.0 | 302.3 | 315.6 | 4.6 | 62.8 | 999.9 | 999.9 |
| 8.0 | 99.9 | 2776.5 | 725.0 | 3.6 | -2.0 | 232.9 | 13.4 | 10.7 | 8.1 | 303.4 | 316.5 | 4.5 | 65.9 | 999.9 | 999.9 |
| 8.9 | 99.9 | 3060.8 | 700.0 | 1.8 | -2.8 | 237.5 | 13.4 | 11.3 | 7.2 | 304.5 | 317.3 | 4.5 | 71.4 | 999.9 | 999.9 |
| 10.0 | 99.9 | 3353.1 | 675.0 | -0.4 | -14.2 | 243.0 | 13.4 | 11.9 | 6.1 | 305.2 | 310.9 | 1.9 | 34.3 | 999.9 | 999.9 |
| 11.2 | 99.9 | 3653.9 | 650.0 | -2.1 | -29.4 | 241.4 | 17.1 | 15.0 | 8.2 | 306.5 | 308.2 | 0.5 | 10.2 | 999.9 | 999.9 |
| 12.3 | 99.9 | 3964.2 | 625.0 | -4.0 | -34.0 | 240.2 | 19.5 | 16.9 | 9.7 | 307.9 | 309.1 | 0.3 | 7.5 | 999.9 | 999.9 |
| 13.4 | 99.9 | 4285.0 | 600.0 | -5.9 | -35.9 | 248.1 | 17.7 | 16.3 | 6.6 | 309.4 | 310.4 | 0.3 | 7.2 | 999.9 | 999.9 |
| 14.5 | 99.9 | 4616.8 | 575.0 | -8.4 | -38.4 | 257.1 | 18.3 | 17.8 | 4.1 | 310.2 | 311.0 | 0.2 | 6.7 | 999.9 | 999.9 |
| 15.6 | 99.9 | 4959.7 | 550.0 | -11.3 | -41.3 | 258.3 | 19.7 | 19.3 | 4.0 | 310.7 | 311.4 | 0.2 | 6.2 | 999.9 | 999.9 |
| 16.8 | 99.9 | 5314.6 | 525.0 | -14.3 | -44.3 | 257.1 | 22.7 | 22.1 | 5.0 | 311.3 | 311.8 | 0.1 | 5.8 | 999.9 | 999.9 |
| 18.1 | 99.9 | 5682.4 | 500.0 | -17.4 | -47.4 | 255.8 | 22.5 | 22.1 | 5.5 | 311.8 | 312.2 | 0.1 | 5.3 | 999.9 | 999.9 |
| 19.6 | 99.9 | 6064.2 | 475.0 | -20.5 | -50.5 | 254.0 | 22.9 | 22.0 | 6.3 | 312.6 | 312.9 | 0.1 | 4.8 | 999.9 | 999.9 |
| 21.0 | 99.9 | 6462.7 | 450.0 | -22.5 | -52.5 | 253.0 | 25.7 | 24.6 | 7.5 | 315.0 | 315.3 | 0.1 | 4.5 | 999.9 | 999.9 |
| 22.6 | 99.9 | 6880.3 | 425.0 | -25.1 | -55.1 | 253.0 | 26.2 | 25.0 | 7.7 | 316.9 | 317.1 | 0.0 | 4.2 | 999.9 | 999.9 |
| 24.3 | 99.9 | 7318.4 | 400.0 | -27.9 | -57.9 | 251.3 | 29.0 | 27.5 | 9.3 | 318.7 | 318.9 | 0.0 | 3.8 | 999.9 | 999.9 |
| 25.8 | 99.9 | 7779.1 | 375.0 | -31.0 | -61.0 | 252.8 | 31.9 | 30.5 | 9.4 | 320.6 | 320.7 | 0.0 | 3.4 | 999.9 | 999.9 |
| 27.5 | 99.9 | 8265.0 | 350.0 | -34.5 | -64.5 | 254.0 | 32.4 | 31.2 | 8.9 | 322.2 | 322.3 | 0.0 | 3.0 | 999.9 | 999.9 |
| 29.3 | 99.9 | 8778.7 | 325.0 | -38.4 | -68.4 | 252.0 | 31.8 | 30.2 | 8.9 | 323.7 | 323.7 | 0.0 | 2.6 | 999.9 | 999.9 |
| 31.2 | 99.9 | 9224.8 | 300.0 | -41.9 | -71.9 | 252.4 | 35.1 | 33.5 | 10.6 | 326.3 | 326.3 | 99.9 | 999.9 | 999.9 | 999.9 |
| 33.3 | 99.9 | 9699.6 | 275.0 | -45.5 | -75.5 | 251.3 | 38.1 | 35.7 | 10.9 | 329.4 | 329.4 | 99.9 | 999.9 | 999.9 | 999.9 |
| 35.5 | 99.9 | 10239.8 | 250.0 | -49.4 | -79.4 | 249.5 | 38.1 | 35.7 | 13.3 | 332.6 | 332.6 | 99.9 | 999.9 | 999.9 | 999.9 |
| 38.0 | 99.9 | 11225.6 | 225.0 | -52.3 | -82.3 | 249.0 | 34.5 | 32.2 | 12.4 | 338.3 | 338.3 | 99.9 | 999.9 | 999.9 | 999.9 |
| 40.7 | 99.9 | 11984.4 | 200.0 | -54.1 | -84.1 | 252.7 | 31.6 | 30.1 | 9.4 | 347.1 | 347.1 | 99.9 | 999.9 | 999.9 | 999.9 |
| 44.0 | 99.9 | 12841.2 | 175.0 | -54.1 | -84.1 | 242.0 | 33.5 | 29.6 | 15.7 | 360.6 | 360.6 | 99.9 | 999.9 | 999.9 | 999.9 |
| 47.2 | 99.9 | 13829.1 | 150.0 | -55.9 | -85.9 | 251.2 | 36.4 | 34.5 | 11.8 | 373.8 | 373.8 | 99.9 | 999.9 | 999.9 | 999.9 |
| 51.1 | 99.9 | 14982.3 | 125.0 | -57.6 | -87.6 | 247.0 | 26.6 | 24.5 | 10.4 | 390.6 | 390.6 | 99.9 | 999.9 | 999.9 | 999.9 |
| 56.1 | 99.9 | 16390.6 | 100.0 | -58.8 | -88.8 | 256.1 | 22.3 | 21.7 | 5.4 | 414.1 | 414.1 | 99.9 | 999.9 | 999.9 | 999.9 |
| 62.0 | 99.9 | 18171.9 | 75.0 | -58.0 | -88.0 | 252.3 | 10.3 | 9.8 | 3.1 | 440.9 | 440.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 70.0 | 99.9 | 20680.8 | 50.0 | -58.6 | -88.6 | 82.0 | 5.7 | -5.6 | -0.8 | 505.4 | 505.4 | 99.9 | 999.9 | 999.9 | 999.9 |
| 82.2 | 99.9 | 25129.1 | 25.0 | -50.4 | -99.9 | 61.4 | 3.5 | -3.1 | -1.7 | 639.9 | 639.9 | 99.9 | 999.9 | 999.9 | 999.9 |

ORIGINAL PAGE IS
OF POOR QUALITY

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 250
STEPHENVILLE, TEXAS
25 APRIL 1982
1100 GMT

DATA INTERPOLATED FROM NWS SIGNIFICANT LEVEL DATA

0 11.

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 99.9 | 399.0 | 961.0 | 13.0 | 10.5 | 130.0 | 6.2 | 1.1 | 6.1 | 283.4 | 311.2 | 8.3 | 84.8 | 999.9 | 999.9 |
| 99.9 | 99.9 | 1000.0 | 1000.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 0.3 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 1.0 | 99.9 | 495.9 | 950.0 | 12.3 | 10.3 | 196.3 | 8.3 | 2.3 | 6.0 | 288.7 | 311.5 | 8.3 | 87.6 | 999.9 | 999.9 |
| 1.8 | 99.9 | 719.4 | 925.0 | 10.9 | 9.6 | 204.5 | 15.0 | 6.2 | 13.6 | 290.4 | 311.9 | 8.2 | 92.1 | 999.9 | 999.9 |
| 2.5 | 99.9 | 948.3 | 900.0 | 13.6 | 7.4 | 219.5 | 16.8 | 10.7 | 13.0 | 295.5 | 312.5 | 7.2 | 96.3 | 999.9 | 999.9 |
| 3.4 | 99.9 | 1187.8 | 875.0 | 16.4 | -1.8 | 235.2 | 17.5 | 14.3 | 10.0 | 301.5 | 315.1 | 1.5 | 99.9 | 999.9 | 999.9 |
| 4.3 | 99.9 | 1434.9 | 850.0 | 18.4 | -13.6 | 248.9 | 17.7 | 16.6 | 6.4 | 303.3 | 308.1 | 1.6 | 10.3 | 999.9 | 999.9 |
| 5.2 | 99.9 | 1687.9 | 825.0 | 15.3 | -14.3 | 257.6 | 17.0 | 16.6 | 3.7 | 304.8 | 309.5 | 1.5 | 11.3 | 999.9 | 999.9 |
| 6.1 | 99.9 | 1947.0 | 800.0 | 12.8 | -13.6 | 265.2 | 15.9 | 15.9 | 1.3 | 304.8 | 309.9 | 1.7 | 14.4 | 999.9 | 999.9 |
| 7.1 | 99.9 | 2212.0 | 775.0 | 10.2 | -12.9 | 270.0 | 16.0 | 18.0 | -0.0 | 304.8 | 310.4 | 1.8 | 18.1 | 999.9 | 999.9 |
| 8.1 | 99.9 | 2483.3 | 750.0 | 7.6 | -12.2 | 279.9 | 15.9 | 15.9 | 0.6 | 304.8 | 310.9 | 2.0 | 23.0 | 999.9 | 999.9 |
| 9.1 | 99.9 | 2761.0 | 725.0 | 4.8 | -11.4 | 289.1 | 14.9 | 14.9 | 0.2 | 304.8 | 311.4 | 2.2 | 29.8 | 999.9 | 999.9 |
| 10.1 | 99.9 | 3045.7 | 700.0 | 2.0 | -10.6 | 291.2 | 14.4 | 14.4 | -0.3 | 304.8 | 312.0 | 2.4 | 38.6 | 999.9 | 999.9 |
| 11.1 | 99.9 | 3337.8 | 675.0 | -0.6 | -12.3 | 273.0 | 14.4 | 14.4 | -0.8 | 305.0 | 311.6 | 2.2 | 40.8 | 999.9 | 999.9 |
| 12.1 | 99.9 | 3638.0 | 650.0 | -3.3 | -14.0 | 272.9 | 14.5 | 14.5 | -0.7 | 305.2 | 311.3 | 2.0 | 43.3 | 999.9 | 999.9 |
| 13.2 | 99.9 | 3948.9 | 625.0 | -5.9 | -17.9 | 274.1 | 14.8 | 14.8 | -0.6 | 305.8 | 310.4 | 1.5 | 38.0 | 999.9 | 999.9 |
| 14.3 | 99.9 | 4265.2 | 600.0 | -8.4 | -23.2 | 274.1 | 13.9 | 13.9 | -1.0 | 305.4 | 309.5 | 1.0 | 29.1 | 999.9 | 999.9 |
| 15.4 | 99.9 | 4593.8 | 575.0 | -11.0 | -24.9 | 268.4 | 14.2 | 14.1 | 0.4 | 307.1 | 308.9 | 0.9 | 30.4 | 999.9 | 999.9 |
| 16.5 | 99.9 | 4933.5 | 550.0 | -13.8 | -26.1 | 262.4 | 15.3 | 15.2 | 2.0 | 307.8 | 310.4 | 0.8 | 34.3 | 999.9 | 999.9 |
| 17.9 | 99.9 | 5284.9 | 525.0 | -17.1 | -26.0 | 260.5 | 16.9 | 16.7 | 2.8 | 307.9 | 310.7 | 0.9 | 45.4 | 999.9 | 999.9 |
| 18.9 | 99.9 | 5648.8 | 500.0 | -20.1 | -33.3 | 261.6 | 18.9 | 18.7 | 2.8 | 308.5 | 310.1 | 0.9 | 45.4 | 999.9 | 999.9 |
| 20.3 | 99.9 | 6026.9 | 475.0 | -22.9 | -38.7 | 262.0 | 21.0 | 20.8 | 2.9 | 309.6 | 310.5 | 0.3 | 21.9 | 999.9 | 999.9 |
| 21.9 | 99.9 | 6421.0 | 450.0 | -25.7 | -55.7 | 261.0 | 25.1 | 24.7 | 3.9 | 310.9 | 311.1 | 0.0 | 4.1 | 999.9 | 999.9 |
| 23.3 | 99.9 | 6833.6 | 425.0 | -27.3 | -57.3 | 261.0 | 29.5 | 26.0 | 4.1 | 314.0 | 314.1 | 0.0 | 3.9 | 999.9 | 999.9 |
| 24.0 | 99.9 | 7287.5 | 400.0 | -30.2 | -60.2 | 261.7 | 29.5 | 29.3 | 4.3 | 315.6 | 315.9 | 0.0 | 3.5 | 999.9 | 999.9 |
| 26.4 | 99.9 | 7723.7 | 375.0 | -33.5 | -63.5 | 263.7 | 29.5 | 29.3 | 3.2 | 317.3 | 317.4 | 0.0 | 3.1 | 999.9 | 999.9 |
| 28.1 | 99.9 | 8204.5 | 350.0 | -37.0 | -67.0 | 263.7 | 27.8 | 27.7 | 3.0 | 318.9 | 318.9 | 0.0 | 2.7 | 999.9 | 999.9 |
| 29.9 | 99.9 | 8713.0 | 325.0 | -40.9 | -69.9 | 259.7 | 24.5 | 24.1 | 4.4 | 320.3 | 319.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 32.0 | 99.9 | 9252.2 | 300.0 | -45.5 | -99.9 | 259.7 | 24.5 | 24.1 | 7.1 | 321.2 | 319.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 34.3 | 99.9 | 9827.9 | 275.0 | -49.0 | -99.9 | 259.7 | 24.5 | 24.1 | 8.5 | 324.2 | 319.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 36.6 | 99.9 | 10446.6 | 250.0 | -52.1 | -99.9 | 251.7 | 27.6 | 26.2 | 8.7 | 328.6 | 319.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 39.1 | 99.9 | 11130.4 | 225.0 | -54.7 | -99.9 | 252.9 | 26.8 | 25.6 | 7.9 | 337.3 | 319.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 42.0 | 99.9 | 11887.1 | 200.0 | -57.0 | -99.9 | 257.4 | 31.6 | 30.8 | 6.9 | 346.7 | 319.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 45.4 | 99.9 | 12739.4 | 175.0 | -55.8 | -99.9 | 251.0 | 25.2 | 23.9 | 6.2 | 357.8 | 319.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 49.1 | 99.9 | 13730.1 | 150.0 | -53.4 | -99.9 | 255.8 | 24.0 | 23.3 | 5.9 | 378.1 | 319.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 53.5 | 99.9 | 14893.1 | 125.0 | -57.0 | -99.9 | 258.9 | 23.1 | 22.7 | 4.5 | 391.8 | 319.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 58.9 | 99.9 | 16303.2 | 100.0 | -60.0 | -99.9 | 259.1 | 8.7 | 8.3 | 2.6 | 411.8 | 319.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 66.4 | 99.9 | 18081.2 | 75.0 | -60.9 | -99.9 | 259.1 | 10.4 | 10.2 | 2.0 | 441.1 | 319.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 78.4 | 99.9 | 20577.0 | 50.0 | -60.7 | -99.9 | 103.6 | 5.3 | -5.2 | 1.3 | 500.5 | 319.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| | | 24998.6 | 25.0 | -51.0 | -99.9 | 312.4 | 2.8 | -2.1 | -1.9 | 637.9 | 319.9 | 99.9 | 999.9 | 999.9 | 999.9 |

STATION NO. 261
DEL RIO, TEXAS

24 APRIL 1982
1100 GMT

0 12.

DATA INTERPOLATED FROM NWS SIGNIFICANT LEVEL DATA

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 99.9 | 314.0 | 982.0 | 10.6 | 9.8 | 130.0 | -3.1 | -2.4 | 2.0 | 285.2 | 305.3 | 7.8 | 94.8 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 1000.0 | 59.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 0.3 | 99.9 | 373.7 | 975.0 | 10.2 | 8.5 | 139.0 | -2.3 | -2.3 | 2.7 | 285.4 | 303.9 | 7.2 | 89.4 | 999.9 | 999.9 |
| 1.0 | 99.9 | 589.8 | 950.0 | 9.4 | 8.3 | 151.4 | -4.6 | -2.2 | 4.1 | 286.7 | 305.5 | 7.2 | 92.9 | 999.9 | 999.9 |
| 1.9 | 99.9 | 811.0 | 925.0 | 8.1 | 7.3 | 160.6 | 5.1 | -1.7 | 4.8 | 287.6 | 305.8 | 7.0 | 94.3 | 999.9 | 999.9 |
| 2.7 | 99.9 | 1037.2 | 900.0 | 6.9 | 6.3 | 173.2 | 5.8 | -0.7 | 5.8 | 288.6 | 306.2 | 6.7 | 96.1 | 999.9 | 999.9 |
| 3.6 | 99.9 | 1268.7 | 875.0 | 6.5 | 6.0 | 182.4 | 8.2 | 0.2 | 8.2 | 290.5 | 308.4 | 6.7 | 96.8 | 999.9 | 999.9 |
| 4.4 | 99.9 | 1507.8 | 850.0 | 6.5 | 6.0 | 189.9 | 10.6 | 0.3 | 10.4 | 294.5 | 314.9 | 7.6 | 95.3 | 999.9 | 999.9 |
| 5.2 | 99.9 | 1754.3 | 825.0 | 6.8 | 6.1 | 200.3 | 11.4 | 3.9 | 10.7 | 295.8 | 315.4 | 7.2 | 95.3 | 999.9 | 999.9 |
| 6.2 | 99.9 | 2008.1 | 800.0 | 8.0 | 3.0 | 221.8 | 10.4 | 6.9 | 17.7 | 299.6 | 316.2 | 5.9 | 70.7 | 999.9 | 999.9 |
| 7.2 | 99.9 | 2268.9 | 775.0 | 5.3 | 1.0 | 231.3 | 10.9 | 8.5 | 17.7 | 301.0 | 316.1 | 5.3 | 67.0 | 999.9 | 999.9 |
| 8.2 | 99.9 | 2538.9 | 750.0 | 3.9 | -0.8 | 234.1 | 11.1 | 9.0 | 6.5 | 302.4 | 316.1 | 4.8 | 64.6 | 999.9 | 999.9 |
| 9.2 | 99.9 | 2815.5 | 725.0 | 1.8 | -2.4 | 242.6 | 10.1 | 9.0 | 4.7 | 303.7 | 316.4 | 4.4 | 63.4 | 999.9 | 999.9 |
| 10.3 | 99.9 | 3099.9 | 700.0 | -0.2 | -2.8 | 251.4 | 9.6 | 8.3 | 3.1 | 304.5 | 317.3 | 4.5 | 71.4 | 999.9 | 999.9 |
| 11.3 | 99.9 | 3392.6 | 675.0 | -2.4 | -6.5 | 253.0 | 8.7 | 7.4 | 2.5 | 305.2 | 315.7 | 3.5 | 62.2 | 999.9 | 999.9 |
| 12.5 | 99.9 | 3693.6 | 650.0 | -4.8 | -13.1 | 274.3 | 7.4 | 6.9 | -0.6 | 306.9 | 312.7 | 2.1 | 43.6 | 999.9 | 999.9 |
| 13.7 | 99.9 | 4003.5 | 625.0 | -7.1 | -20.5 | 297.0 | 7.7 | 7.3 | -2.5 | 307.9 | 312.4 | 1.4 | 38.1 | 999.9 | 999.9 |
| 15.0 | 99.9 | 4323.2 | 600.0 | -9.3 | -18.9 | 299.0 | 9.9 | 7.3 | -0.2 | 309.1 | 314.7 | 1.8 | 35.8 | 999.9 | 999.9 |
| 16.3 | 99.9 | 4653.8 | 575.0 | -11.7 | -15.0 | 271.0 | 9.9 | 9.9 | 1.2 | 310.2 | 316.8 | 2.2 | 58.8 | 999.9 | 999.9 |
| 17.6 | 99.9 | 4990.2 | 550.0 | -14.5 | -20.8 | 284.0 | 11.9 | 11.8 | 4.2 | 310.9 | 315.3 | 1.4 | 58.8 | 999.9 | 999.9 |
| 18.9 | 99.9 | 5351.0 | 525.0 | -16.4 | -46.4 | 253.4 | 14.8 | 14.2 | 7.1 | 313.1 | 313.5 | 0.1 | 5.4 | 999.9 | 999.9 |
| 20.3 | 99.9 | 5719.2 | 500.0 | -18.2 | -48.2 | 249.5 | 16.9 | 15.4 | 6.9 | 315.5 | 318.4 | 0.1 | 4.9 | 999.9 | 999.9 |
| 21.9 | 99.9 | 6103.6 | 475.0 | -20.0 | -50.0 | 254.1 | 25.0 | 24.0 | 6.9 | 318.1 | 320.3 | 0.1 | 4.5 | 999.9 | 999.9 |
| 23.5 | 99.9 | 6506.0 | 450.0 | -22.6 | -52.6 | 254.8 | 29.8 | 28.8 | 7.8 | 320.0 | 320.3 | 0.0 | 4.0 | 999.9 | 999.9 |
| 25.2 | 99.9 | 6927.9 | 425.0 | -26.4 | -56.4 | 253.1 | 31.9 | 30.5 | 9.3 | 320.7 | 322.2 | 0.0 | 3.6 | 999.9 | 999.9 |
| 26.9 | 99.9 | 7369.5 | 400.0 | -29.7 | -59.7 | 258.9 | 30.5 | 28.5 | 11.0 | 322.2 | 322.4 | 0.0 | 3.2 | 999.9 | 999.9 |
| 28.7 | 99.9 | 7833.8 | 375.0 | -33.0 | -63.0 | 253.1 | 31.2 | 29.8 | 9.1 | 324.3 | 326.8 | 0.0 | 2.8 | 999.9 | 999.9 |
| 30.6 | 99.9 | 8221.3 | 350.0 | -36.2 | -66.2 | 255.6 | 32.2 | 31.2 | 8.0 | 329.4 | 329.5 | 0.0 | 2.4 | 999.9 | 999.9 |
| 32.6 | 99.9 | 8833.2 | 325.0 | -39.7 | -69.7 | 264.0 | 35.1 | 34.3 | 3.6 | 332.7 | 332.7 | 0.0 | 2.4 | 999.9 | 999.9 |
| 34.8 | 99.9 | 9390.7 | 300.0 | -43.2 | -99.9 | 263.0 | 40.0 | 39.7 | 4.9 | 335.2 | 335.2 | 99.9 | 999.9 | 999.9 | 999.9 |
| 37.0 | 99.9 | 9981.7 | 275.0 | -47.7 | -99.9 | 261.4 | 41.0 | 40.5 | 6.1 | 338.2 | 338.2 | 99.9 | 999.9 | 999.9 | 999.9 |
| 39.4 | 99.9 | 10617.5 | 250.0 | -52.4 | -99.9 | 265.2 | 45.7 | 45.6 | 3.8 | 341.4 | 341.4 | 99.9 | 999.9 | 999.9 | 999.9 |
| 41.9 | 99.9 | 11306.0 | 225.0 | -57.7 | -99.9 | 270.4 | 42.6 | 42.6 | -0.3 | 340.8 | 340.8 | 99.9 | 999.9 | 999.9 | 999.9 |
| 44.7 | 99.9 | 12058.4 | 200.0 | -60.7 | -99.9 | 271.7 | 37.1 | 33.1 | -1.0 | 340.8 | 340.8 | 99.9 | 999.9 | 999.9 | 999.9 |
| 47.7 | 99.9 | 12893.0 | 175.0 | -60.7 | -99.9 | 269.6 | 31.4 | 30.9 | 5.7 | 340.8 | 340.8 | 99.9 | 999.9 | 999.9 | 999.9 |
| 51.2 | 99.9 | 13832.1 | 150.0 | -58.6 | -99.9 | 266.5 | 24.1 | 23.5 | 5.6 | 340.8 | 340.8 | 99.9 | 999.9 | 999.9 | 999.9 |
| 55.1 | 99.9 | 14980.7 | 125.0 | -60.6 | -99.9 | 257.1 | 23.6 | 23.0 | 5.2 | 340.8 | 340.8 | 99.9 | 999.9 | 999.9 | 999.9 |
| 59.8 | 99.9 | 16366.6 | 100.0 | -66.6 | -99.9 | 254.2 | 6.1 | 5.9 | 1.6 | 430.1 | 430.1 | 99.9 | 999.9 | 999.9 | 999.9 |
| 65.5 | 99.9 | 18100.7 | 75.0 | -68.1 | -99.9 | 171.5 | 1.5 | -0.2 | 1.5 | 497.2 | 497.2 | 99.9 | 999.9 | 999.9 | 999.9 |
| 73.5 | 99.9 | 20563.2 | 50.0 | -62.1 | -99.9 | 322.0 | 3.8 | 2.4 | -3.0 | 635.2 | 635.2 | 99.9 | 999.9 | 999.9 | 999.9 |
| 87.8 | 99.9 | 24954.5 | 25.0 | -52.0 | -99.9 | | | | | | | | | | |

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 261
 922 RIO, TEXAS
 24 APRIL 1982
 2300 GMT

DATA INTERPOLATED FROM NWS SIGNIFICANT LEVEL DATA

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MZ RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 99.9 | 314.0 | 976.4 | 17.4 | 12.0 | 130.0 | 4.6 | -3.5 | 3.0 | 292.6 | 316.5 | 9.1 | 70.6 | 999.9 | 399. |
| 9.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 399. |
| 0.0 | 99.9 | 326.3 | 975.0 | 17.3 | 11.9 | 130.2 | 4.6 | -3.5 | 3.0 | 292.5 | 316.4 | 9.0 | 70.6 | 999.9 | 399. |
| 0.6 | 99.9 | 547.5 | 950.0 | 15.1 | 10.3 | 135.8 | 4.3 | -3.0 | 3.1 | 292.4 | 314.5 | 8.3 | 73.0 | 999.9 | 399. |
| 1.4 | 99.9 | 772.9 | 925.0 | 12.8 | 9.9 | 139.3 | 3.3 | -2.2 | 2.5 | 292.4 | 314.5 | 8.3 | 82.7 | 999.9 | 399. |
| 2.2 | 99.9 | 1002.6 | 900.0 | 10.8 | 9.5 | 143.0 | 1.3 | -0.8 | 1.0 | 292.6 | 314.8 | 8.3 | 91.8 | 999.9 | 399. |
| 3.1 | 99.9 | 1239.9 | 875.0 | 15.4 | 4.3 | 284.8 | 2.7 | -0.7 | -0.7 | 299.8 | 318.4 | 6.0 | 47.5 | 999.9 | 399. |
| 3.9 | 99.9 | 1486.1 | 850.0 | 16.2 | -13.8 | 262.4 | 4.9 | 4.8 | 0.6 | 303.1 | 307.9 | 1.5 | 11.4 | 999.9 | 399. |
| 4.8 | 99.9 | 1728.5 | 825.0 | 14.3 | -15.7 | 271.0 | 9.0 | 4.0 | -0.2 | 303.7 | 307.9 | 1.4 | 11.4 | 999.9 | 399. |
| 5.8 | 99.9 | 1987.0 | 800.0 | 12.4 | -17.6 | 295.9 | 15.8 | 14.2 | -6.9 | 304.4 | 308.1 | 1.2 | 10.8 | 999.9 | 399. |
| 6.8 | 99.9 | 2281.8 | 775.0 | 10.4 | -19.5 | 300.6 | 17.9 | 15.4 | -9.1 | 305.0 | 308.3 | 0.9 | 10.2 | 999.9 | 399. |
| 7.8 | 99.9 | 2533.3 | 750.0 | 8.3 | -21.7 | 277.3 | 13.8 | 13.7 | -1.8 | 305.8 | 308.5 | 0.8 | 9.8 | 999.9 | 399. |
| 8.9 | 99.9 | 2811.9 | 725.0 | 6.2 | -23.8 | 264.7 | 12.9 | 12.8 | 1.3 | 306.3 | 308.7 | 0.7 | 9.4 | 999.9 | 399. |
| 10.0 | 99.9 | 3098.0 | 700.0 | 4.0 | -26.0 | 283.0 | 12.9 | 13.2 | 1.6 | 307.4 | 309.2 | 0.5 | 8.5 | 999.9 | 399. |
| 11.2 | 99.9 | 3392.1 | 675.0 | 1.6 | -28.4 | 265.0 | 13.2 | 13.2 | 1.2 | 308.0 | 309.4 | 0.4 | 8.1 | 999.9 | 399. |
| 12.4 | 99.9 | 3694.5 | 650.0 | -0.9 | -30.9 | 264.2 | 15.3 | 15.3 | 1.6 | 308.0 | 311.2 | 0.4 | 7.8 | 999.9 | 399. |
| 13.5 | 99.9 | 4006.6 | 625.0 | -2.3 | -32.3 | 263.5 | 16.0 | 15.9 | 1.7 | 309.8 | 312.3 | 0.3 | 7.4 | 999.9 | 399. |
| 14.7 | 99.9 | 4329.3 | 600.0 | -4.4 | -34.4 | 264.0 | 18.3 | 18.2 | 1.3 | 311.1 | 313.4 | 0.3 | 7.0 | 999.9 | 399. |
| 15.9 | 99.9 | 4663.1 | 575.0 | -6.5 | -36.5 | 265.9 | 18.4 | 18.3 | -0.1 | 312.4 | 313.4 | 0.2 | 6.7 | 999.9 | 399. |
| 17.2 | 99.9 | 5008.9 | 550.0 | -8.8 | -38.8 | 270.2 | 18.3 | 18.3 | -0.7 | 313.7 | 315.1 | 0.2 | 6.3 | 999.9 | 399. |
| 18.6 | 99.9 | 5367.6 | 525.0 | -11.1 | -41.1 | 272.2 | 18.7 | 18.7 | -2.3 | 315.1 | 317.0 | 0.2 | 5.9 | 999.9 | 399. |
| 20.0 | 99.9 | 5740.3 | 500.0 | -13.6 | -43.6 | 278.0 | 21.6 | 21.5 | -1.7 | 316.5 | 318.4 | 0.2 | 5.3 | 999.9 | 399. |
| 21.4 | 99.9 | 6128.3 | 475.0 | -16.3 | -46.1 | 273.9 | 24.5 | 24.4 | -1.7 | 317.8 | 319.8 | 0.2 | 4.6 | 999.9 | 399. |
| 22.9 | 99.9 | 6532.8 | 450.0 | -19.2 | -48.5 | 266.6 | 26.6 | 26.6 | 1.6 | 319.1 | 321.3 | 0.2 | 4.0 | 999.9 | 399. |
| 24.4 | 99.9 | 6955.4 | 425.0 | -22.3 | -51.9 | 263.6 | 28.3 | 28.1 | 2.7 | 320.5 | 322.8 | 0.2 | 3.3 | 999.9 | 399. |
| 26.1 | 99.9 | 7388.1 | 400.0 | -25.5 | -55.3 | 265.1 | 31.2 | 31.1 | 2.7 | 321.9 | 324.5 | 0.0 | 2.9 | 999.9 | 399. |
| 27.9 | 99.9 | 7863.8 | 375.0 | -28.2 | -58.1 | 268.0 | 37.7 | 37.6 | 4.9 | 324.3 | 326.2 | 0.0 | 2.4 | 999.9 | 399. |
| 29.7 | 99.9 | 8355.5 | 350.0 | -31.7 | -61.7 | 263.0 | 39.6 | 39.3 | 9.2 | 326.1 | 327.7 | 0.0 | 2.4 | 999.9 | 399. |
| 31.6 | 99.9 | 8875.4 | 325.0 | -35.6 | -65.6 | 258.0 | 44.1 | 43.2 | 7.8 | 327.7 | 329.3 | 0.0 | 2.4 | 999.9 | 399. |
| 33.6 | 99.9 | 9427.5 | 300.0 | -39.8 | -69.8 | 260.2 | 45.9 | 45.2 | 7.3 | 329.3 | 330.9 | 99.9 | 999.9 | 999.9 | 999. |
| 35.8 | 99.9 | 10017.7 | 275.0 | -43.3 | -73.9 | 261.0 | 46.4 | 45.7 | 7.2 | 332.5 | 333.9 | 99.9 | 999.9 | 999.9 | 999. |
| 38.1 | 99.9 | 10653.7 | 250.0 | -47.7 | -77.9 | 261.0 | 46.2 | 45.9 | 6.9 | 335.2 | 336.9 | 99.9 | 999.9 | 999.9 | 999. |
| 40.5 | 99.9 | 11341.6 | 225.0 | -52.7 | -82.3 | 261.0 | 43.8 | 43.3 | 11.8 | 337.7 | 339.9 | 99.9 | 999.9 | 999.9 | 999. |
| 43.1 | 99.9 | 12082.7 | 200.0 | -58.3 | -87.9 | 255.1 | 45.8 | 44.2 | 10.4 | 340.5 | 342.0 | 99.9 | 999.9 | 999.9 | 999. |
| 46.1 | 99.9 | 12833.9 | 175.0 | -58.1 | -87.9 | 255.0 | 40.2 | 38.8 | 8.4 | 344.0 | 345.9 | 99.9 | 999.9 | 999.9 | 999. |
| 49.4 | 99.9 | 13903.4 | 150.0 | -57.6 | -86.4 | 254.4 | 31.3 | 30.1 | 6.9 | 370.9 | 372.0 | 99.9 | 999.9 | 999.9 | 999. |
| 53.4 | 99.9 | 15049.2 | 125.0 | -59.5 | -89.9 | 256.4 | 29.3 | 28.5 | 3.2 | 407.2 | 409.9 | 99.9 | 999.9 | 999.9 | 999. |
| 57.7 | 99.9 | 16434.2 | 100.0 | -62.4 | -92.9 | 252.6 | 24.8 | 24.6 | 1.5 | 438.4 | 440.9 | 99.9 | 999.9 | 999.9 | 999. |
| 63.4 | 99.9 | 18152.5 | 75.0 | -64.2 | -95.9 | 259.1 | 8.2 | 8.0 | 0.8 | 501.2 | 503.9 | 99.9 | 999.9 | 999.9 | 999. |
| 70.9 | 99.9 | 20676.3 | 50.0 | -60.4 | -99.9 | 238.3 | 1.6 | 1.3 | -1.1 | 643.0 | 645.9 | 99.9 | 999.9 | 999.9 | 999. |
| 83.2 | 99.9 | 25123.1 | 25.0 | -49.3 | -99.9 | 265.5 | 4.2 | 4.1 | -1.1 | 643.0 | 645.9 | 99.9 | 999.9 | 999.9 | 999. |

ORIGINAL PAGE 18
 OF POOR QUALITY

STATION NO. 261
DEL RIO, TEXAS

25 APRIL 1982
1100 GMT

DATA INTERPOLATED FROM NWS SIGNIFICANT LEVEL DATA

0 9.

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 99.9 | 312.0 | 974.1 | 13.2 | 11.9 | 110.0 | 4.5 | -4.4 | 1.5 | 288.5 | 312.0 | 9.0 | 91.8 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 0.7 | 99.9 | 525.4 | 950.0 | 13.1 | 12.0 | 156.3 | 6.8 | -2.7 | 6.2 | 290.5 | 314.8 | 9.3 | 92.7 | 999.9 | 999.9 |
| 1.5 | 99.9 | 749.9 | 925.0 | 13.2 | 11.4 | 182.3 | 8.6 | 0.3 | 8.6 | 292.8 | 317.2 | 9.2 | 89.2 | 999.9 | 999.9 |
| 2.3 | 99.9 | 983.8 | 900.0 | 18.0 | 0.2 | 204.4 | 10.4 | 4.1 | 9.1 | 300.1 | 312.3 | 4.3 | 30.0 | 999.9 | 999.9 |
| 3.1 | 99.9 | 1224.4 | 875.0 | 17.8 | -9.7 | 219.8 | 10.4 | 6.7 | 8.0 | 302.3 | 308.5 | 2.1 | 14.3 | 999.9 | 999.9 |
| 3.9 | 99.9 | 1471.6 | 850.0 | 17.4 | -4.4 | 239.9 | 8.9 | 7.7 | 4.4 | 304.7 | 313.9 | 3.2 | 22.2 | 999.9 | 999.9 |
| 4.8 | 99.9 | 1725.2 | 825.0 | 15.2 | -6.3 | 264.4 | 8.5 | 8.5 | 0.8 | 304.7 | 313.2 | 2.9 | 22.1 | 999.9 | 999.9 |
| 5.6 | 99.9 | 1984.5 | 800.0 | 12.9 | -8.2 | 282.7 | 9.7 | 9.4 | -2.1 | 304.9 | 312.6 | 2.6 | 22.1 | 999.9 | 999.9 |
| 6.6 | 99.9 | 2249.8 | 775.0 | 10.5 | -10.2 | 296.5 | 11.4 | 10.2 | -5.1 | 305.2 | 312.0 | 2.3 | 22.1 | 999.9 | 999.9 |
| 7.5 | 99.9 | 2521.5 | 750.0 | 8.1 | -12.3 | 304.7 | 13.4 | 11.0 | -7.6 | 305.6 | 311.4 | 2.0 | 22.0 | 999.9 | 999.9 |
| 8.5 | 99.9 | 2799.8 | 725.0 | 5.6 | -14.4 | 305.5 | 15.2 | 12.4 | -8.8 | 305.6 | 310.9 | 1.7 | 22.0 | 999.9 | 999.9 |
| 9.5 | 99.9 | 3085.3 | 700.0 | 3.0 | -16.6 | 299.4 | 16.4 | 14.3 | -8.1 | 305.8 | 310.4 | 1.5 | 22.0 | 999.9 | 999.9 |
| 10.6 | 99.9 | 3378.6 | 675.0 | 0.8 | -18.0 | 291.2 | 17.0 | 15.8 | -6.1 | 306.6 | 310.9 | 1.4 | 22.9 | 999.9 | 999.9 |
| 11.8 | 99.9 | 3680.5 | 650.0 | -1.4 | -18.4 | 284.2 | 17.0 | 16.5 | -4.2 | 307.4 | 311.4 | 1.3 | 23.8 | 999.9 | 999.9 |
| 12.9 | 99.9 | 3991.4 | 625.0 | -4.1 | -16.7 | 273.6 | 17.5 | 17.4 | -1.1 | 307.8 | 312.9 | 1.7 | 36.5 | 999.9 | 999.9 |
| 14.1 | 99.9 | 4311.9 | 600.0 | -6.8 | -13.9 | 265.6 | 17.7 | 17.6 | 1.4 | 308.2 | 314.9 | 2.2 | 57.0 | 999.9 | 999.9 |
| 15.4 | 99.9 | 4642.6 | 575.0 | -9.7 | -11.2 | 263.7 | 19.8 | 19.6 | 2.4 | 308.6 | 317.1 | 2.8 | 88.6 | 999.9 | 999.9 |
| 16.7 | 99.9 | 4984.3 | 550.0 | -12.5 | -14.4 | 264.0 | 22.5 | 22.3 | 2.5 | 309.3 | 316.3 | 2.3 | 85.8 | 999.9 | 999.9 |
| 17.9 | 99.9 | 5338.1 | 525.0 | -14.5 | -21.6 | 269.5 | 24.6 | 24.5 | 2.6 | 311.1 | 315.1 | 1.3 | 54.2 | 999.9 | 999.9 |
| 19.1 | 99.9 | 5707.3 | 500.0 | -16.1 | -33.6 | 269.8 | 23.1 | 23.1 | 0.2 | 313.4 | 314.9 | 0.4 | 20.4 | 999.9 | 999.9 |
| 20.4 | 99.9 | 6091.7 | 475.0 | -18.6 | -40.8 | 269.8 | 23.1 | 23.1 | 0.1 | 315.0 | 315.8 | 0.2 | 12.0 | 999.9 | 999.9 |
| 21.8 | 99.9 | 6492.9 | 450.0 | -21.2 | -48.5 | 259.3 | 27.4 | 26.9 | 5.1 | 316.6 | 317.0 | 0.1 | 6.5 | 999.9 | 999.9 |
| 23.3 | 99.9 | 6912.2 | 425.0 | -24.5 | -45.5 | 259.7 | 27.5 | 27.1 | 4.9 | 317.6 | 318.0 | 0.1 | 7.7 | 999.9 | 999.9 |
| 25.0 | 99.9 | 7350.2 | 400.0 | -28.6 | -42.8 | 261.0 | 26.8 | 26.4 | 4.2 | 317.8 | 318.6 | 0.2 | 23.8 | 999.9 | 999.9 |
| 26.6 | 99.9 | 7809.1 | 375.0 | -32.2 | -57.2 | 265.4 | 30.5 | 30.4 | 2.5 | 318.9 | 319.5 | 0.1 | 21.3 | 999.9 | 999.9 |
| 28.5 | 99.9 | 8292.5 | 350.0 | -35.6 | -57.2 | 267.1 | 32.7 | 32.6 | 1.7 | 320.8 | 320.8 | 0.0 | 8.7 | 999.9 | 999.9 |
| 30.6 | 99.9 | 8804.4 | 325.0 | -39.1 | -69.1 | 269.8 | 33.7 | 33.7 | 0.1 | 322.8 | 322.8 | 0.0 | 2.5 | 999.9 | 999.9 |
| 32.9 | 99.9 | 9347.8 | 300.0 | -43.7 | -99.9 | 265.3 | 37.0 | 36.8 | 3.0 | 323.8 | 322.8 | 99.9 | 999.9 | 999.9 | 999.9 |
| 35.0 | 99.9 | 9927.3 | 275.0 | -47.8 | -99.9 | 267.0 | 38.0 | 39.0 | 2.0 | 325.9 | 322.8 | 99.9 | 999.9 | 999.9 | 999.9 |
| 37.4 | 99.9 | 10550.5 | 250.0 | -51.3 | -99.9 | 266.0 | 36.7 | 36.6 | 2.6 | 325.9 | 322.8 | 99.9 | 999.9 | 999.9 | 999.9 |
| 40.0 | 99.9 | 11232.3 | 225.0 | -53.9 | -99.9 | 267.9 | 36.7 | 41.6 | 1.5 | 325.9 | 322.8 | 99.9 | 999.9 | 999.9 | 999.9 |
| 42.6 | 99.9 | 11980.7 | 200.0 | -56.6 | -99.9 | 267.6 | 43.5 | 43.5 | 1.8 | 326.0 | 322.8 | 99.9 | 999.9 | 999.9 | 999.9 |
| 45.4 | 99.9 | 12818.6 | 175.0 | -57.9 | -99.9 | 267.0 | 43.5 | 36.4 | 1.3 | 354.3 | 322.8 | 99.9 | 999.9 | 999.9 | 999.9 |
| 48.9 | 99.9 | 13790.0 | 150.0 | -59.4 | -99.9 | 265.2 | 34.0 | 33.9 | 2.8 | 369.5 | 322.8 | 99.9 | 999.9 | 999.9 | 999.9 |
| 52.7 | 99.9 | 14933.6 | 125.0 | -60.6 | -99.9 | 269.1 | 29.4 | 29.4 | 0.4 | 385.3 | 322.8 | 99.9 | 999.9 | 999.9 | 999.9 |
| 57.2 | 99.9 | 16324.7 | 100.0 | -62.2 | -99.9 | 269.1 | 29.4 | 29.4 | 0.8 | 407.5 | 322.8 | 99.9 | 999.9 | 999.9 | 999.9 |
| 62.4 | 99.9 | 18076.9 | 75.0 | -66.8 | -99.9 | 252.7 | 19.6 | 19.7 | 3.0 | 428.7 | 322.8 | 99.9 | 999.9 | 999.9 | 999.9 |
| 69.7 | 99.9 | 20535.7 | 50.0 | -61.6 | -99.9 | 252.7 | 10.2 | 9.7 | 0.0 | 498.3 | 322.8 | 99.9 | 999.9 | 999.9 | 999.9 |
| 82.8 | 99.9 | 24934.5 | 25.0 | -52.5 | -99.9 | 289.4 | 5.9 | 5.5 | -1.9 | 633.9 | 322.8 | 99.9 | 999.9 | 999.9 | 999.9 |

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 265
MIDLAND, TEXAS
24 APRIL 1982
1100 GMT

DATA INTERPOLATED FROM NWS SIGNIFICANT LEVEL DATA

0 7.

| TIME MIN | ONCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 99.9 | 873.0 | 917.0 | 8.3 | 5.9 | 250.0 | 3.1 | 2.9 | 1.1 | 288.5 | 305.3 | 6.4 | 84.8 | 999.9 | 999.9 |
| 99.5 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 950.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 0.5 | 99.9 | 1027.4 | 900.0 | 6.5 | 5.6 | 247.5 | 4.3 | 4.0 | 1.7 | 288.3 | 305.0 | 6.3 | 93.4 | 999.9 | 999.9 |
| 1.3 | 99.9 | 1258.3 | 875.0 | 4.9 | 4.6 | 255.6 | 6.0 | 5.8 | 1.5 | 288.9 | 305.0 | 6.1 | 97.5 | 999.9 | 999.9 |
| 2.0 | 99.9 | 1494.6 | 850.0 | 4.5 | 4.2 | 277.0 | 7.7 | 7.7 | -0.9 | 290.9 | 307.2 | 6.1 | 97.9 | 999.9 | 999.9 |
| 2.8 | 99.9 | 1738.6 | 825.0 | 5.1 | 4.8 | 267.8 | 7.7 | 7.7 | 0.3 | 294.0 | 311.6 | 6.5 | 97.9 | 999.9 | 999.9 |
| 3.6 | 99.9 | 1991.0 | 800.0 | 6.2 | 1.7 | 263.1 | 6.6 | 6.5 | 0.8 | 297.7 | 312.8 | 5.4 | 73.0 | 999.9 | 999.9 |
| 4.7 | 99.9 | 2251.0 | 775.0 | 4.6 | -1.9 | 270.2 | 6.5 | 6.5 | -0.0 | 298.8 | 310.9 | 4.3 | 62.5 | 999.9 | 999.9 |
| 5.5 | 99.9 | 2517.8 | 750.0 | 4.7 | -4.5 | 263.9 | 7.7 | 7.7 | 0.8 | 301.7 | 312.2 | 3.6 | 51.1 | 999.9 | 999.9 |
| 6.5 | 99.9 | 2793.9 | 725.0 | 3.3 | -2.7 | 251.4 | 9.7 | 9.1 | 3.1 | 303.1 | 315.6 | 4.3 | 44.8 | 999.9 | 999.9 |
| 7.4 | 99.9 | 3077.7 | 700.0 | 1.2 | -3.6 | 241.1 | 11.0 | 9.6 | 5.3 | 303.8 | 315.9 | 4.2 | 70.3 | 999.9 | 999.9 |
| 8.4 | 99.9 | 3369.4 | 675.0 | -1.0 | -8.1 | 230.3 | 11.5 | 8.8 | 7.3 | 304.5 | 313.6 | 3.1 | 58.7 | 999.9 | 999.9 |
| 9.6 | 99.9 | 3669.6 | 650.0 | -3.3 | -8.9 | 225.6 | 12.4 | 8.3 | 8.7 | 305.3 | 314.1 | 3.0 | 64.8 | 999.9 | 999.9 |
| 10.6 | 99.9 | 3978.6 | 625.0 | -6.1 | -11.6 | 227.7 | 13.4 | 9.9 | 9.0 | 305.5 | 313.0 | 2.5 | 64.5 | 999.9 | 999.9 |
| 11.6 | 99.9 | 4296.7 | 600.0 | -8.7 | -13.2 | 233.2 | 14.8 | 11.8 | 8.8 | 306.0 | 313.8 | 2.3 | 70.1 | 999.9 | 999.9 |
| 12.7 | 99.9 | 4625.1 | 575.0 | -11.5 | -13.2 | 239.4 | 15.8 | 14.5 | 8.5 | 306.6 | 313.9 | 2.4 | 88.7 | 999.9 | 999.9 |
| 13.8 | 99.9 | 4964.7 | 550.0 | -13.8 | -20.8 | 239.3 | 16.8 | 16.2 | 9.6 | 307.8 | 311.9 | 1.3 | 55.1 | 999.9 | 999.9 |
| 14.9 | 99.9 | 5316.6 | 525.0 | -16.3 | -26.7 | 235.3 | 17.5 | 14.5 | 10.0 | 308.9 | 311.5 | 0.8 | 35.8 | 999.9 | 999.9 |
| 16.5 | 99.9 | 5882.0 | 500.0 | -18.8 | -34.5 | 231.5 | 17.5 | 13.7 | 10.9 | 310.1 | 311.5 | 0.4 | 23.4 | 999.9 | 999.9 |
| 17.8 | 99.9 | 6460.9 | 475.0 | -20.8 | -41.0 | 235.5 | 20.1 | 16.8 | 11.4 | 312.3 | 313.1 | 0.2 | 14.2 | 999.9 | 999.9 |
| 19.3 | 99.9 | 6878.2 | 450.0 | -22.8 | -47.9 | 241.3 | 22.9 | 20.1 | 11.0 | 314.6 | 315.0 | 0.1 | 7.9 | 999.9 | 999.9 |
| 20.8 | 99.9 | 7315.4 | 425.0 | -25.0 | -55.0 | 242.8 | 24.5 | 21.8 | 11.2 | 316.9 | 317.1 | 0.0 | 4.2 | 999.9 | 999.9 |
| 22.5 | 99.9 | 7774.1 | 400.0 | -28.8 | -58.8 | 242.0 | 25.5 | 22.5 | 12.0 | 317.5 | 317.7 | 0.0 | 3.7 | 999.9 | 999.9 |
| 24.2 | 99.9 | 8257.3 | 375.0 | -32.2 | -62.2 | 246.6 | 26.3 | 24.2 | 10.4 | 318.9 | 319.0 | 0.0 | 3.3 | 999.9 | 999.9 |
| 26.1 | 99.9 | 8768.0 | 350.0 | -35.9 | -65.9 | 249.2 | 26.7 | 24.1 | 9.2 | 320.3 | 320.4 | 0.0 | 2.8 | 999.9 | 999.9 |
| 28.0 | 99.9 | 9309.6 | 325.0 | -39.9 | -69.9 | 254.0 | 26.8 | 25.7 | 7.4 | 321.7 | 322.8 | 99.9 | 999.9 | 999.9 | 999.9 |
| 30.1 | 99.9 | 9887.8 | 300.0 | -44.4 | -74.4 | 259.0 | 26.7 | 26.5 | 5.1 | 322.5 | 322.8 | 99.9 | 999.9 | 999.9 | 999.9 |
| 32.2 | 99.9 | 10510.2 | 275.0 | -48.2 | -78.2 | 262.6 | 27.3 | 26.5 | 6.4 | 328.3 | 328.3 | 99.9 | 999.9 | 999.9 | 999.9 |
| 34.6 | 99.9 | 11187.0 | 250.0 | -52.3 | -82.3 | 262.9 | 25.0 | 24.8 | 3.1 | 335.0 | 335.0 | 99.9 | 999.9 | 999.9 | 999.9 |
| 37.3 | 99.9 | 11946.0 | 225.0 | -54.5 | -84.5 | 268.4 | 34.2 | 34.2 | 4.4 | 335.0 | 335.0 | 99.9 | 999.9 | 999.9 | 999.9 |
| 40.4 | 99.9 | 12804.8 | 200.0 | -52.3 | -82.3 | 259.0 | 30.8 | 30.8 | 0.9 | 359.3 | 359.3 | 99.9 | 999.9 | 999.9 | 999.9 |
| 43.7 | 99.9 | 13784.0 | 175.0 | -54.9 | -84.9 | 259.0 | 25.6 | 25.6 | 4.5 | 371.7 | 371.7 | 99.9 | 999.9 | 999.9 | 999.9 |
| 47.8 | 99.9 | 14939.8 | 150.0 | -57.1 | -87.1 | 260.2 | 25.2 | 24.8 | 4.3 | 389.7 | 389.7 | 99.9 | 999.9 | 999.9 | 999.9 |
| 52.3 | 99.9 | 16333.1 | 125.0 | -58.1 | -88.1 | 251.0 | 17.2 | 17.2 | 5.9 | 406.8 | 406.8 | 99.9 | 999.9 | 999.9 | 999.9 |
| 57.5 | 99.9 | 18093.4 | 100.0 | -62.6 | -92.6 | 253.0 | 20.1 | 19.0 | 6.4 | 434.8 | 434.8 | 99.9 | 999.9 | 999.9 | 999.9 |
| 63.5 | 99.9 | 20370.4 | 75.0 | -65.9 | -95.9 | 253.0 | 7.5 | 7.2 | 2.2 | 493.6 | 493.6 | 99.9 | 999.9 | 999.9 | 999.9 |
| 71.6 | 99.9 | 24967.0 | 50.0 | -83.6 | -111.6 | 2.6 | 2.3 | -0.4 | -2.0 | 633.6 | 633.6 | 99.9 | 999.9 | 999.9 | 999.9 |
| 85.0 | 99.9 | | 25.0 | -52.5 | 99.9 | | 2.0 | -0.1 | -2.0 | | | 99.9 | 999.9 | 999.9 | 999.9 |

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 265
MIDLAND, TEXAS

24 APRIL 1982
2300 GMT

0 5

DATA INTERPOLATED FROM NWS SIGNIFICANT LEVEL DATA

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RIO CM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 99.9 | 873.0 | 909.9 | 23.3 | 2.6 | 250.0 | 7.2 | 6.8 | 2.5 | 304.6 | 319.1 | 5.1 | 25.7 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 0.2 | 99.9 | 99.9 | 925.0 | 22.2 | 2.1 | 249.4 | 8.0 | 7.5 | 3.8 | 304.4 | 318.6 | 5.0 | 25.5 | 999.9 | 999.9 |
| 0.8 | 99.9 | 99.9 | 900.0 | 19.7 | 1.1 | 248.3 | 10.2 | 9.4 | 3.8 | 304.2 | 317.9 | 4.8 | 25.0 | 999.9 | 999.9 |
| 1.5 | 99.9 | 99.9 | 875.0 | 17.2 | 0.4 | 247.5 | 10.8 | 10.0 | 4.1 | 304.2 | 317.5 | 4.6 | 32.0 | 999.9 | 999.9 |
| 2.2 | 99.9 | 99.9 | 825.0 | 14.7 | -0.8 | 247.5 | 11.3 | 10.4 | 4.3 | 304.2 | 316.8 | 4.4 | 34.4 | 999.9 | 999.9 |
| 2.9 | 99.9 | 99.9 | 800.0 | 12.2 | -2.0 | 248.8 | 13.1 | 12.2 | 4.7 | 304.1 | 316.1 | 4.1 | 37.1 | 999.9 | 999.9 |
| 3.8 | 99.9 | 99.9 | 775.0 | 9.6 | -3.3 | 250.7 | 13.8 | 12.0 | 4.6 | 304.2 | 315.4 | 3.9 | 40.0 | 999.9 | 999.9 |
| 5.1 | 99.9 | 99.9 | 750.0 | 7.2 | -4.4 | 253.0 | 12.9 | 12.4 | 3.8 | 304.4 | 315.2 | 3.7 | 43.5 | 999.9 | 999.9 |
| 6.0 | 99.9 | 99.9 | 725.0 | 4.7 | -4.7 | 253.0 | 13.9 | 13.3 | 2.7 | 304.5 | 315.4 | 3.7 | 50.4 | 999.9 | 999.9 |
| 7.0 | 99.9 | 99.9 | 700.0 | 2.2 | -9.6 | 260.0 | 15.4 | 15.2 | 2.7 | 304.9 | 312.8 | 2.5 | 41.2 | 999.9 | 999.9 |
| 7.9 | 99.9 | 99.9 | 675.0 | 1.3 | -18.2 | 272.8 | 15.4 | 15.4 | -0.8 | 307.1 | 311.3 | 1.3 | 21.7 | 999.9 | 999.9 |
| 8.9 | 99.9 | 99.9 | 650.0 | -0.3 | -28.2 | 281.8 | 15.9 | 15.5 | -3.3 | 308.6 | 310.5 | 0.6 | 9.9 | 999.9 | 999.9 |
| 9.8 | 99.9 | 99.9 | 625.0 | -2.7 | -31.2 | 284.7 | 16.4 | 15.8 | -4.1 | 309.4 | 310.9 | 0.4 | 8.9 | 999.9 | 999.9 |
| 10.8 | 99.9 | 99.9 | 600.0 | -5.5 | -31.9 | 283.4 | 16.5 | 16.0 | -3.8 | 309.8 | 311.7 | 0.4 | 10.2 | 999.9 | 999.9 |
| 11.8 | 99.9 | 99.9 | 575.0 | -8.3 | -32.7 | 279.6 | 18.2 | 17.9 | -3.0 | 310.3 | 311.7 | 0.4 | 11.9 | 999.9 | 999.9 |
| 12.8 | 99.9 | 99.9 | 550.0 | -11.3 | -33.4 | 277.2 | 19.0 | 18.8 | -2.4 | 310.7 | 312.1 | 0.4 | 13.9 | 999.9 | 999.9 |
| 13.0 | 99.9 | 99.9 | 525.0 | -14.4 | -34.3 | 275.0 | 17.5 | 17.5 | -1.5 | 311.1 | 312.4 | 0.4 | 15.6 | 999.9 | 999.9 |
| 14.0 | 99.9 | 99.9 | 500.0 | -17.7 | -35.1 | 274.2 | 18.3 | 18.3 | -1.3 | 311.5 | 312.8 | 0.4 | 20.1 | 999.9 | 999.9 |
| 15.5 | 99.9 | 99.9 | 475.0 | -21.0 | -37.5 | 273.4 | 19.6 | 19.5 | -1.7 | 312.0 | 313.0 | 0.3 | 21.0 | 999.9 | 999.9 |
| 17.8 | 99.9 | 99.9 | 450.0 | -23.5 | -48.7 | 273.4 | 22.0 | 22.0 | -1.3 | 313.8 | 314.1 | 0.1 | 7.7 | 999.9 | 999.9 |
| 19.1 | 99.9 | 99.9 | 425.0 | -26.2 | -56.2 | 273.1 | 25.8 | 25.8 | -1.4 | 315.4 | 315.6 | 0.0 | 4.0 | 999.9 | 999.9 |
| 20.4 | 99.9 | 99.9 | 400.0 | -29.6 | -59.6 | 274.0 | 27.8 | 27.7 | -1.9 | 316.5 | 316.6 | 0.0 | 3.6 | 999.9 | 999.9 |
| 22.0 | 99.9 | 99.9 | 375.0 | -32.2 | -62.2 | 275.9 | 31.5 | 31.3 | -3.2 | 319.0 | 319.1 | 0.0 | 3.3 | 999.9 | 999.9 |
| 23.8 | 99.9 | 99.9 | 350.0 | -35.0 | -65.0 | 273.2 | 34.3 | 34.2 | -1.9 | 321.6 | 321.6 | 0.0 | 2.9 | 999.9 | 999.9 |
| 25.7 | 99.9 | 99.9 | 325.0 | -38.8 | -67.8 | 269.1 | 37.1 | 37.1 | 0.6 | 323.2 | 323.4 | 0.0 | 11.2 | 999.9 | 999.9 |
| 27.4 | 99.9 | 99.9 | 300.0 | -43.0 | -69.9 | 271.4 | 33.5 | 33.5 | -0.8 | 324.8 | 324.8 | 99.9 | 999.9 | 999.9 | 999.9 |
| 29.2 | 99.9 | 99.9 | 275.0 | -46.5 | -69.9 | 270.0 | 34.0 | 34.0 | -0.0 | 327.8 | 327.8 | 99.9 | 999.9 | 999.9 | 999.9 |
| 31.2 | 99.9 | 99.9 | 250.0 | -49.0 | -69.9 | 272.0 | 35.6 | 35.6 | -1.2 | 333.2 | 333.2 | 99.9 | 999.9 | 999.9 | 999.9 |
| 33.4 | 99.9 | 99.9 | 225.0 | -51.6 | -69.9 | 264.9 | 38.4 | 38.3 | -3.4 | 339.4 | 339.4 | 99.9 | 999.9 | 999.9 | 999.9 |
| 35.7 | 99.9 | 99.9 | 200.0 | -54.3 | -69.9 | 270.2 | 32.6 | 32.6 | -0.1 | 346.8 | 346.8 | 99.9 | 999.9 | 999.9 | 999.9 |
| 38.5 | 99.9 | 99.9 | 175.0 | -54.2 | -69.9 | 258.8 | 35.0 | 34.3 | 6.8 | 360.5 | 360.5 | 99.9 | 999.9 | 999.9 | 999.9 |
| 41.6 | 99.9 | 99.9 | 150.0 | -53.8 | -69.9 | 259.7 | 26.9 | 26.4 | 4.8 | 377.4 | 377.4 | 99.9 | 999.9 | 999.9 | 999.9 |
| 45.2 | 99.9 | 99.9 | 125.0 | -53.1 | -69.9 | 259.0 | 16.8 | 16.4 | 3.6 | 389.8 | 389.8 | 99.9 | 999.9 | 999.9 | 999.9 |
| 49.6 | 99.9 | 99.9 | 100.0 | -61.0 | -69.9 | 254.2 | 21.7 | 20.9 | 5.9 | 409.9 | 409.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 54.8 | 99.9 | 99.9 | 75.0 | -63.6 | -69.9 | 262.5 | 10.4 | 10.3 | 1.4 | 439.6 | 439.6 | 99.9 | 999.9 | 999.9 | 999.9 |
| 62.4 | 99.9 | 99.9 | 50.0 | -58.7 | -69.9 | 25.4 | 2.0 | -0.8 | -1.4 | 505.2 | 505.2 | 99.9 | 999.9 | 999.9 | 999.9 |
| 73.8 | 99.9 | 99.9 | 25.0 | -50.2 | -69.9 | 314.8 | 2.1 | 1.5 | -1.4 | 640.3 | 640.3 | 99.9 | 999.9 | 999.9 | 999.9 |

ORIGINAL PAGE 13
OF POOR QUALITY

STATION NO. 265
MIDLAND, TEXAS
25 APRIL 1982
1100 GMT

0 7.

DATA INTERPOLATED FROM NWS SIGNIFICANT LEVEL DATA

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 99.9 | 873.0 | 969.9 | 10.0 | 3.3 | 270.0 | 5.7 | 5.7 | -0.0 | 290.9 | 305.3 | 5.3 | 63.0 | 999.9 | 999.9 |
| 99.9 | 99.9 | 92.9 | 1000.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 950.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 0.3 | 99.9 | 99.9 | 900.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 1.0 | 99.9 | 964.4 | 875.0 | 12.7 | -1.8 | 288.0 | 8.1 | 7.7 | -2.5 | 294.6 | 305.0 | 3.7 | 36.4 | 999.9 | 999.9 |
| 1.7 | 99.9 | 1203.3 | 850.0 | 17.8 | -12.2 | 305.0 | 16.0 | 13.1 | -8.9 | 304.0 | 307.5 | 1.7 | 11.8 | 999.9 | 999.9 |
| 2.5 | 99.9 | 1450.2 | 825.0 | 17.0 | -13.0 | 302.9 | 16.0 | 13.6 | -8.3 | 304.2 | 309.0 | 1.7 | 11.8 | 999.9 | 999.9 |
| 3.2 | 99.9 | 1703.3 | 800.0 | 14.8 | -12.9 | 301.5 | 15.8 | 13.3 | -8.4 | 304.5 | 309.4 | 1.8 | 13.5 | 999.9 | 999.9 |
| 4.2 | 99.9 | 1962.0 | 775.0 | 12.5 | -12.7 | 302.4 | 16.6 | 13.5 | -9.5 | 304.7 | 310.4 | 1.9 | 15.9 | 999.9 | 999.9 |
| 5.1 | 99.9 | 2226.8 | 750.0 | 10.1 | -12.6 | 305.2 | 16.6 | 13.7 | -9.9 | 304.9 | 310.8 | 2.0 | 18.8 | 999.9 | 999.9 |
| 6.0 | 99.9 | 2498.0 | 725.0 | 7.7 | -12.4 | 308.0 | 16.3 | 13.1 | -9.2 | 305.1 | 311.3 | 2.1 | 27.5 | 999.9 | 999.9 |
| 6.9 | 99.9 | 2775.9 | 700.0 | 5.1 | -12.3 | 305.0 | 16.0 | 12.4 | -8.4 | 305.3 | 311.8 | 2.2 | 33.0 | 999.9 | 999.9 |
| 7.8 | 99.9 | 3061.0 | 675.0 | 2.5 | -12.1 | 304.1 | 15.0 | 12.9 | -7.4 | 305.1 | 311.5 | 2.1 | 38.7 | 999.9 | 999.9 |
| 8.7 | 99.9 | 3353.4 | 650.0 | -0.5 | -12.8 | 299.9 | 14.9 | 12.4 | -5.3 | 305.4 | 311.0 | 1.8 | 39.0 | 999.9 | 999.9 |
| 9.7 | 99.9 | 3653.7 | 625.0 | -3.1 | -15.1 | 289.9 | 15.6 | 14.7 | -3.3 | 306.1 | 310.5 | 1.4 | 35.3 | 999.9 | 999.9 |
| 10.8 | 99.9 | 3962.8 | 600.0 | -5.6 | -18.5 | 280.5 | 18.0 | 17.7 | -1.4 | 306.6 | 310.4 | 1.2 | 35.0 | 999.9 | 999.9 |
| 11.9 | 99.9 | 4281.4 | 575.0 | -8.2 | -20.9 | 274.2 | 19.0 | 18.9 | -2.2 | 307.1 | 310.4 | 1.0 | 36.6 | 999.9 | 999.9 |
| 13.0 | 99.9 | 4610.1 | 550.0 | -11.0 | -22.9 | 276.6 | 19.0 | 18.9 | -4.5 | 308.2 | 309.8 | 0.5 | 19.7 | 999.9 | 999.9 |
| 14.3 | 99.9 | 4950.2 | 525.0 | -13.4 | -31.7 | 283.2 | 19.5 | 19.0 | -5.6 | 308.8 | 309.6 | 0.2 | 10.4 | 999.9 | 999.9 |
| 15.7 | 99.9 | 5302.3 | 500.0 | -16.3 | -40.3 | 286.6 | 19.8 | 18.8 | -5.5 | 309.4 | 309.7 | 0.1 | 5.0 | 999.9 | 999.9 |
| 17.1 | 99.9 | 5687.1 | 475.0 | -19.4 | -49.4 | 285.3 | 21.0 | 20.2 | -4.7 | 310.7 | 311.0 | 0.1 | 4.6 | 999.9 | 999.9 |
| 18.4 | 99.9 | 6046.4 | 450.0 | -22.0 | -52.0 | 283.2 | 20.6 | 20.0 | -7.1 | 314.2 | 314.4 | 0.0 | 3.9 | 999.9 | 999.9 |
| 19.8 | 99.9 | 6443.3 | 425.0 | -23.1 | -53.1 | 289.8 | 21.0 | 19.7 | -7.3 | 314.4 | 314.6 | 0.0 | 3.4 | 999.9 | 999.9 |
| 21.4 | 99.9 | 6858.6 | 400.0 | -27.0 | -57.0 | 288.9 | 22.5 | 21.3 | -5.9 | 314.6 | 314.7 | 0.0 | 3.0 | 999.9 | 999.9 |
| 22.8 | 99.9 | 7292.1 | 375.0 | -31.1 | -61.1 | 284.0 | 24.3 | 23.6 | -4.3 | 315.5 | 315.5 | 0.0 | 2.5 | 999.9 | 999.9 |
| 24.3 | 99.9 | 7746.1 | 350.0 | -34.9 | -64.9 | 281.7 | 21.2 | 20.8 | -4.7 | 316.3 | 316.4 | 0.0 | 2.0 | 999.9 | 999.9 |
| 26.2 | 99.9 | 8223.7 | 325.0 | -38.9 | -68.9 | 281.6 | 23.6 | 23.1 | -6.3 | 317.1 | 317.1 | 0.0 | 1.9 | 999.9 | 999.9 |
| 28.2 | 99.9 | 8727.3 | 300.0 | -43.2 | -73.9 | 285.2 | 24.2 | 22.9 | -6.6 | 319.5 | 319.5 | 0.0 | 1.9 | 999.9 | 999.9 |
| 30.2 | 99.9 | 9262.3 | 275.0 | -46.7 | -78.9 | 281.4 | 23.4 | 22.9 | -4.6 | 320.9 | 320.9 | 0.0 | 1.9 | 999.9 | 999.9 |
| 32.4 | 99.9 | 9833.4 | 250.0 | -51.3 | -83.9 | 283.3 | 19.9 | 19.3 | -6.0 | 329.4 | 329.4 | 0.0 | 1.9 | 999.9 | 999.9 |
| 34.9 | 99.9 | 10450.0 | 225.0 | -52.4 | -88.9 | 285.0 | 23.7 | 22.5 | -6.5 | 338.2 | 338.2 | 0.0 | 1.9 | 999.9 | 999.9 |
| 37.6 | 99.9 | 11132.5 | 200.0 | -53.3 | -93.9 | 285.9 | 24.2 | 22.9 | -7.5 | 348.4 | 348.4 | 0.0 | 1.9 | 999.9 | 999.9 |
| 40.9 | 99.9 | 11892.6 | 175.0 | -54.1 | -98.9 | 278.3 | 24.2 | 22.9 | -1.9 | 362.3 | 362.3 | 0.0 | 1.9 | 999.9 | 999.9 |
| 44.7 | 99.9 | 12753.1 | 150.0 | -54.4 | -99.9 | 272.3 | 25.1 | 24.9 | -1.0 | 376.4 | 376.4 | 0.0 | 1.9 | 999.9 | 999.9 |
| 48.8 | 99.9 | 13743.9 | 125.0 | -55.8 | -99.9 | 272.3 | 25.0 | 25.0 | -3.6 | 394.0 | 394.0 | 0.0 | 1.9 | 999.9 | 999.9 |
| 53.2 | 99.9 | 14906.8 | 100.0 | -59.4 | -99.9 | 273.2 | 16.3 | 16.2 | -0.9 | 413.0 | 413.0 | 0.0 | 1.9 | 999.9 | 999.9 |
| 58.1 | 99.9 | 16318.9 | 75.0 | -62.5 | -99.9 | 258.4 | 8.0 | 7.8 | -1.6 | 441.0 | 441.0 | 0.0 | 1.9 | 999.9 | 999.9 |
| 65.1 | 99.9 | 18102.2 | 50.0 | -60.5 | -99.9 | 274.3 | 3.9 | -3.8 | -1.1 | 500.9 | 500.9 | 0.0 | 1.9 | 999.9 | 999.9 |
| 78.1 | 99.9 | 20604.3 | 25.0 | -51.0 | -99.9 | 331.7 | 2.3 | 1.1 | -2.0 | 638.1 | 638.1 | 0.0 | 1.9 | 999.9 | 999.9 |

STATION NO. 270
EL PASO, TEXAS
24 APRIL 1982
2300 GMT

0 17.

DATA INTERPOLATED FROM NWS SIGNIFICANT LEVEL DATA

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | WIND DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POI T DG K | E POI T DG K | MX RTO CM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|--------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0 0 | 99.9 | 1193.0 | 877.5 | 22.8 | -7.2 | 190.0 | 5.1 | 0.9 | 5.1 | 307.2 | 314.9 | 2.5 | 12.8 | 999.9 | 999 |
| 99.9 | 99.9 | 1000.0 | 1000.0 | 22.8 | -7.2 | 190.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 | 999 |
| 99.9 | 99.9 | 975.0 | 975.0 | 22.8 | -7.2 | 190.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 | 999 |
| 99.9 | 99.9 | 950.0 | 950.0 | 22.8 | -7.2 | 190.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 | 999 |
| 99.9 | 99.9 | 925.0 | 925.0 | 22.8 | -7.2 | 190.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 | 999 |
| 99.9 | 99.9 | 900.0 | 900.0 | 22.8 | -7.2 | 190.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 | 999 |
| 0 1 | 99.9 | 1217.8 | 875.0 | 22.6 | -7.4 | 197.9 | 5.1 | 1.5 | 4.8 | 307.3 | 314.8 | 2.5 | 12.8 | 999.9 | 999 |
| 0 8 | 99.9 | 1468.5 | 850.0 | 21.0 | -9.0 | 248.8 | 7.5 | 7.0 | 4.8 | 308.2 | 315.1 | 2.3 | 12.4 | 999.9 | 999 |
| 1 7 | 99.9 | 1724.8 | 825.0 | 18.1 | -11.9 | 285.8 | 11.2 | 11.1 | 1.0 | 307.7 | 313.4 | 1.9 | 11.8 | 999.9 | 999 |
| 2 6 | 99.9 | 1986.2 | 800.0 | 15.1 | -14.9 | 268.6 | 13.0 | 13.0 | 0.3 | 307.3 | 311.9 | 1.5 | 11.2 | 999.9 | 999 |
| 3 5 | 99.9 | 2253.3 | 775.0 | 12.5 | -14.2 | 270.9 | 12.0 | 12.0 | -0.2 | 307.2 | 312.3 | 1.6 | 14.1 | 999.9 | 999 |
| 4 5 | 99.9 | 2526.6 | 750.0 | 9.8 | -13.4 | 273.9 | 10.3 | 10.3 | -0.7 | 307.2 | 312.8 | 1.8 | 18.0 | 999.9 | 999 |
| 5 5 | 99.9 | 2806.5 | 725.0 | 7.0 | -12.6 | 273.0 | 10.5 | 10.5 | -0.5 | 307.1 | 313.2 | 2.0 | 23.1 | 999.9 | 999 |
| 6 5 | 99.9 | 3093.4 | 700.0 | 4.1 | -11.8 | 269.3 | 12.6 | 12.5 | 0.1 | 307.0 | 313.7 | 2.2 | 30.2 | 999.9 | 999 |
| 7 6 | 99.9 | 3387.5 | 675.0 | 1.1 | -12.8 | 267.4 | 12.5 | 13.9 | 0.6 | 306.9 | 313.3 | 2.1 | 34.4 | 999.9 | 999 |
| 8 7 | 99.9 | 3689.4 | 650.0 | -2.0 | -13.9 | 270.2 | 12.5 | 12.5 | -0.0 | 306.7 | 312.8 | 2.0 | 39.5 | 999.9 | 999 |
| 9 7 | 99.9 | 3999.5 | 625.0 | -5.0 | -14.5 | 278.6 | 11.8 | 11.7 | -1.8 | 306.8 | 312.9 | 2.0 | 47.0 | 999.9 | 999 |
| 10 8 | 99.9 | 4318.8 | 600.0 | -8.0 | -15.0 | 286.9 | 13.5 | 12.9 | -3.9 | 306.9 | 312.9 | 2.0 | 56.9 | 999.9 | 999 |
| 11 9 | 99.9 | 4648.1 | 575.0 | -10.6 | -15.7 | 288.5 | 14.4 | 13.6 | -4.7 | 307.6 | 311.6 | 1.3 | 43.1 | 999.9 | 999 |
| 13 5 | 99.9 | 4988.5 | 550.0 | -12.4 | -16.7 | 287.0 | 20.1 | 19.2 | -4.1 | 309.4 | 310.3 | 0.3 | 10.3 | 999.9 | 999 |
| 15 0 | 99.9 | 5342.8 | 525.0 | -14.4 | -17.4 | 287.0 | 22.5 | 21.3 | -5.9 | 311.2 | 311.6 | 0.1 | 5.7 | 999.9 | 999 |
| 16 6 | 99.9 | 5710.7 | 500.0 | -17.1 | -19.0 | 289.4 | 22.4 | 21.3 | -6.8 | 312.2 | 312.6 | 0.1 | 5.3 | 999.9 | 999 |
| 18 2 | 99.9 | 6094.0 | 475.0 | -19.0 | -20.7 | 289.4 | 23.1 | 21.3 | -7.5 | 314.5 | 314.9 | 0.1 | 5.0 | 999.9 | 999 |
| 19 7 | 99.9 | 6494.8 | 450.0 | -21.4 | -21.4 | 284.7 | 23.1 | 22.4 | -8.8 | 316.3 | 316.6 | 0.1 | 4.7 | 999.9 | 999 |
| 21 1 | 99.9 | 6913.8 | 425.0 | -24.4 | -24.4 | 285.0 | 26.5 | 25.6 | -9.9 | 317.7 | 317.9 | 0.1 | 4.3 | 999.9 | 999 |
| 22 6 | 99.9 | 7352.7 | 400.0 | -27.6 | -27.6 | 285.0 | 27.5 | 26.6 | -11.1 | 319.1 | 319.3 | 0.0 | 3.8 | 999.9 | 999 |
| 24 6 | 99.9 | 7813.1 | 375.0 | -31.6 | -31.6 | 281.7 | 31.0 | 30.4 | -13.3 | 320.5 | 320.6 | 0.0 | 2.9 | 999.9 | 999 |
| 26 8 | 99.9 | 8297.1 | 350.0 | -35.8 | -35.8 | 277.3 | 29.4 | 29.2 | -15.5 | 321.3 | 321.3 | 0.0 | 2.9 | 999.9 | 999 |
| 29 0 | 99.9 | 8807.5 | 325.0 | -40.2 | -40.2 | 281.0 | 32.4 | 31.8 | -17.7 | 323.2 | 323.2 | 0.0 | 2.9 | 999.9 | 999 |
| 31 0 | 99.9 | 9349.1 | 300.0 | -44.1 | -44.1 | 282.0 | 29.3 | 28.7 | -19.9 | 326.0 | 326.0 | 0.0 | 2.9 | 999.9 | 999 |
| 32 3 | 99.9 | 9928.2 | 275.0 | -47.8 | -47.8 | 283.3 | 32.4 | 31.8 | -21.9 | 328.0 | 328.0 | 0.0 | 2.9 | 999.9 | 999 |
| 35 8 | 99.9 | 10551.8 | 250.0 | -51.8 | -51.8 | 281.2 | 34.5 | 33.8 | -24.9 | 330.1 | 330.1 | 0.0 | 2.9 | 999.9 | 999 |
| 38 3 | 99.9 | 11230.6 | 225.0 | -56.7 | -56.7 | 274.3 | 30.7 | 30.6 | -27.9 | 334.8 | 334.8 | 0.0 | 2.9 | 999.9 | 999 |
| 41 2 | 99.9 | 11978.5 | 200.0 | -58.7 | -58.7 | 276.2 | 35.7 | 35.5 | -30.9 | 343.0 | 343.0 | 0.0 | 2.9 | 999.9 | 999 |
| 44 8 | 99.9 | 12828.0 | 175.0 | -54.3 | -54.3 | 271.2 | 25.2 | 25.2 | -33.9 | 360.3 | 360.3 | 0.0 | 2.9 | 999.9 | 999 |
| 48 2 | 99.9 | 13812.5 | 150.0 | -55.4 | -55.4 | 264.6 | 34.1 | 33.9 | -37.1 | 374.6 | 374.6 | 0.0 | 2.9 | 999.9 | 999 |
| 52 8 | 99.9 | 14576.7 | 125.0 | -52.8 | -52.8 | 264.6 | 22.3 | 22.2 | -40.3 | 389.4 | 389.4 | 0.0 | 2.9 | 999.9 | 999 |
| 58 3 | 99.9 | 16399.5 | 100.0 | -57.7 | -57.7 | 260.6 | 14.1 | 13.9 | -43.1 | 416.3 | 416.3 | 0.0 | 2.9 | 999.9 | 999 |
| 65 4 | 99.9 | 18188.6 | 75.0 | -62.9 | -62.9 | 263.8 | 11.1 | 11.1 | -46.1 | 441.1 | 441.1 | 0.0 | 2.9 | 999.9 | 999 |
| 74 5 | 99.9 | 20706.8 | 50.0 | -59.6 | -59.6 | 62.5 | 3.6 | -3.2 | -49.7 | 503.1 | 503.1 | 0.0 | 2.9 | 999.9 | 999 |
| 89.9 | 99.9 | 25171.7 | 25.0 | -49.7 | -49.7 | 264.2 | 6.5 | 6.5 | -53.1 | 541.9 | 541.9 | 0.0 | 2.9 | 999.9 | 999 |

ORIGINAL PAGE 13
OF FOOT 001117

STATION NO. 270
EL PASO, TEXAS
25 APRIL 1982
1100 GMT

DATA INTERPOLATED FROM NWS SIGNIFICANT LEVEL DATA

0 16.

| TIME MIN | QNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0 0 | 99.9 | 1193.0 | 878.4 | 17.2 | -6.0 | 300.0 | 6.2 | 5.4 | -3.1 | 301.3 | 309.5 | 2.8 | 19.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 950.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 0 1 | 99.9 | 1226.1 | 875.0 | 17.7 | -7.2 | 301.2 | 7.0 | 5.9 | -3.6 | 302.2 | 309.6 | 2.5 | 17.5 | 999.9 | 999.9 |
| 0.8 | 99.9 | 1474.2 | 850.0 | 18.7 | -11.3 | 305.4 | 12.3 | 10.1 | -7.2 | 305.7 | 311.5 | 1.9 | 11.9 | 999.9 | 999.9 |
| 1.6 | 99.9 | 1728.7 | 825.0 | 16.5 | -9.3 | 311.9 | 13.8 | 10.3 | -9.2 | 306.0 | 312.9 | 2.3 | 16.1 | 999.9 | 999.9 |
| 2.4 | 99.9 | 1989.2 | 800.0 | 14.2 | -7.3 | 317.1 | 12.5 | 9.2 | -9.9 | 306.3 | 314.5 | 2.8 | 21.8 | 999.9 | 999.9 |
| 3.2 | 99.9 | 2255.7 | 775.0 | 11.8 | -6.3 | 318.6 | 10.4 | 8.2 | -9.3 | 306.5 | 314.4 | 2.6 | 23.8 | 999.9 | 999.9 |
| 3.9 | 99.9 | 2528.6 | 750.0 | 9.3 | -9.3 | 313.2 | 9.5 | 7.2 | -7.5 | 306.6 | 314.2 | 2.5 | 25.8 | 999.9 | 999.9 |
| 4.8 | 99.9 | 2808.2 | 725.0 | 6.7 | -10.4 | 311.6 | 8.6 | 7.2 | -6.3 | 306.8 | 313.8 | 2.4 | 28.2 | 999.9 | 999.9 |
| 5.6 | 99.9 | 3094.8 | 700.0 | 4.0 | -11.5 | 303.1 | 8.2 | 7.6 | -4.7 | 306.9 | 313.4 | 2.3 | 31.2 | 999.9 | 999.9 |
| 6.5 | 99.9 | 3389.0 | 675.0 | 1.3 | -13.1 | 292.8 | 8.6 | 8.3 | -3.2 | 307.1 | 313.0 | 1.9 | 33.1 | 999.9 | 999.9 |
| 7.4 | 99.9 | 3691.2 | 650.0 | -1.5 | -14.8 | 286.2 | 9.1 | 8.8 | -2.4 | 307.3 | 312.4 | 1.6 | 35.4 | 999.9 | 999.9 |
| 8.3 | 99.9 | 4002.0 | 625.0 | -4.3 | -17.3 | 285.3 | 8.9 | 8.4 | -2.4 | 307.6 | 312.4 | 1.3 | 35.3 | 999.9 | 999.9 |
| 9.4 | 99.9 | 4322.3 | 600.0 | -8.8 | -20.0 | 289.4 | 10.7 | 9.2 | -3.0 | 308.3 | 312.4 | 1.3 | 34.0 | 999.9 | 999.9 |
| 10.5 | 99.9 | 4652.8 | 575.0 | -9.6 | -22.1 | 300.4 | 13.7 | 11.1 | -5.4 | 308.7 | 312.3 | 1.1 | 35.2 | 999.9 | 999.9 |
| 11.5 | 99.9 | 4994.4 | 550.0 | -12.3 | -23.6 | 305.6 | 14.9 | 12.5 | -8.0 | 309.5 | 311.7 | 0.2 | 38.0 | 999.9 | 999.9 |
| 12.6 | 99.9 | 5348.4 | 525.0 | -14.6 | -24.6 | 302.9 | 14.5 | 12.7 | -8.1 | 310.9 | 311.3 | 0.1 | 8.8 | 999.9 | 999.9 |
| 13.8 | 99.9 | 5715.7 | 500.0 | -18.1 | -28.1 | 298.6 | 16.6 | 14.8 | -7.0 | 311.0 | 312.6 | 0.1 | 5.2 | 999.9 | 999.9 |
| 15.0 | 99.9 | 6096.9 | 475.0 | -20.7 | -30.7 | 297.0 | 18.3 | 16.2 | -7.5 | 312.3 | 313.9 | 0.1 | 4.8 | 999.9 | 999.9 |
| 16.3 | 99.9 | 6494.5 | 450.0 | -23.5 | -33.5 | 298.0 | 18.5 | 15.4 | -8.6 | 313.7 | 315.6 | 0.1 | 4.4 | 999.9 | 999.9 |
| 17.9 | 99.9 | 6910.1 | 425.0 | -26.3 | -36.3 | 303.5 | 19.0 | 15.1 | -10.2 | 315.3 | 318.1 | 0.1 | 8.2 | 999.9 | 999.9 |
| 19.6 | 99.9 | 7346.0 | 400.0 | -29.1 | -39.9 | 307.6 | 20.3 | 15.1 | -11.6 | 317.2 | 319.1 | 0.3 | 30.6 | 999.9 | 999.9 |
| 21.4 | 99.9 | 7804.1 | 375.0 | -32.6 | -43.2 | 311.4 | 21.3 | 15.7 | -13.4 | 318.4 | 320.1 | 0.2 | 29.4 | 999.9 | 999.9 |
| 23.4 | 99.9 | 8286.4 | 350.0 | -36.4 | -47.8 | 312.6 | 21.1 | 16.3 | -13.4 | 319.6 | 320.1 | 0.1 | 999.9 | 999.9 | 999.9 |
| 25.5 | 99.9 | 8793.8 | 325.0 | -40.6 | -52.9 | 309.5 | 23.8 | 18.5 | -15.0 | 321.7 | 320.1 | 99.9 | 999.9 | 999.9 | 999.9 |
| 27.9 | 99.9 | 9335.7 | 300.0 | -45.2 | -59.9 | 304.2 | 24.5 | 20.3 | -13.8 | 323.8 | 320.1 | 99.9 | 999.9 | 999.9 | 999.9 |
| 30.0 | 99.9 | 9911.4 | 275.0 | -49.3 | -66.9 | 309.1 | 23.8 | 18.5 | -15.0 | 323.8 | 320.1 | 99.9 | 999.9 | 999.9 | 999.9 |
| 32.1 | 99.9 | 10531.3 | 250.0 | -51.1 | -71.9 | 309.5 | 29.2 | 22.7 | -18.7 | 330.1 | 320.1 | 99.9 | 999.9 | 999.9 | 999.9 |
| 34.5 | 99.9 | 11211.4 | 225.0 | -53.8 | -75.9 | 304.1 | 29.2 | 22.7 | -21.9 | 335.1 | 320.1 | 99.9 | 999.9 | 999.9 | 999.9 |
| 37.8 | 99.9 | 11967.9 | 200.0 | -56.0 | -79.9 | 290.4 | 29.1 | 27.2 | -21.9 | 335.1 | 320.1 | 99.9 | 999.9 | 999.9 | 999.9 |
| 40.8 | 99.9 | 12818.9 | 175.0 | -57.2 | -83.9 | 289.5 | 29.1 | 27.2 | -21.9 | 335.1 | 320.1 | 99.9 | 999.9 | 999.9 | 999.9 |
| 44.9 | 99.9 | 13795.5 | 150.0 | -57.2 | -83.9 | 289.5 | 29.1 | 27.2 | -21.9 | 335.1 | 320.1 | 99.9 | 999.9 | 999.9 | 999.9 |
| 49.4 | 99.9 | 14950.5 | 125.0 | -57.8 | -83.9 | 289.5 | 29.1 | 27.2 | -21.9 | 335.1 | 320.1 | 99.9 | 999.9 | 999.9 | 999.9 |
| 55.0 | 99.9 | 16351.4 | 100.0 | -59.9 | -83.9 | 278.7 | 25.7 | 25.4 | -3.9 | 390.4 | 320.1 | 99.9 | 999.9 | 999.9 | 999.9 |
| 61.4 | 99.9 | 18123.8 | 75.0 | -63.9 | -83.9 | 274.0 | 19.0 | 19.0 | -1.3 | 412.0 | 320.1 | 99.9 | 999.9 | 999.9 | 999.9 |
| 69.7 | 99.9 | 20816.2 | 50.0 | -60.6 | -83.9 | 269.6 | 9.1 | 9.1 | 0.1 | 439.0 | 320.1 | 99.9 | 999.9 | 999.9 | 999.9 |
| 82.9 | 99.9 | 25006.4 | 25.0 | -53.4 | -83.9 | 278.6 | 6.0 | 6.0 | -0.9 | 631.0 | 320.1 | 99.9 | 999.9 | 999.9 | 999.9 |

ORIGINAL PART 11
OF POOR QUALITY

STATION NO. 274
TUCSON, ARIZONA
24 APRIL 1982
1100 GMT

0 6

DATA INTERPOLATED FROM NWS SIGNIFICANT LEVEL DATA

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 99.9 | 787.0 | 925.5 | 10.1 | -5.2 | 120.0 | 4.1 | -3.6 | -2.1 | 289.6 | 297.4 | 2.8 | 33.6 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 0.0 | 99.9 | 791.5 | 925.0 | 10.4 | -5.2 | 120.2 | 4.1 | -3.5 | 2.0 | 289.8 | 297.7 | 2.7 | 32.8 | 999.9 | 999.9 |
| 0.0 | 99.9 | 1022.1 | 900.0 | 14.8 | -5.9 | 149.0 | 1.5 | -0.8 | 0.0 | 289.8 | 304.7 | 2.8 | 32.8 | 999.9 | 999.9 |
| 1.5 | 99.9 | 1260.5 | 875.0 | 14.8 | -6.3 | 269.4 | 1.3 | 1.3 | 0.0 | 299.2 | 307.1 | 2.7 | 22.6 | 999.9 | 999.9 |
| 2.3 | 99.9 | 1504.6 | 850.0 | 13.0 | -7.2 | 293.2 | 3.3 | 3.1 | -1.3 | 299.8 | 307.4 | 2.6 | 22.6 | 999.9 | 999.9 |
| 3.1 | 99.9 | 1754.3 | 825.0 | 11.0 | -7.9 | 298.3 | 5.2 | 4.5 | -2.5 | 300.2 | 307.7 | 2.5 | 25.8 | 999.9 | 999.9 |
| 3.9 | 99.9 | 2009.9 | 800.0 | 8.9 | -8.6 | 308.8 | 6.1 | 4.7 | -3.8 | 300.6 | 308.0 | 2.4 | 30.7 | 999.9 | 999.9 |
| 4.7 | 99.9 | 2271.6 | 775.0 | 6.7 | -9.3 | 314.5 | 6.9 | 4.9 | -4.9 | 301.0 | 308.5 | 2.4 | 30.7 | 999.9 | 999.9 |
| 5.6 | 99.9 | 2539.7 | 750.0 | 4.5 | -10.0 | 317.2 | 7.2 | 4.9 | -5.3 | 301.5 | 308.5 | 2.3 | 30.7 | 999.9 | 999.9 |
| 6.5 | 99.9 | 2814.6 | 725.0 | 2.2 | -10.8 | 321.8 | 6.4 | 4.0 | -5.1 | 301.9 | 308.7 | 2.2 | 30.7 | 999.9 | 999.9 |
| 7.4 | 99.9 | 3096.8 | 700.0 | -0.2 | -11.6 | 327.4 | 5.9 | 3.2 | -4.9 | 302.3 | 308.9 | 2.0 | 30.7 | 999.9 | 999.9 |
| 8.3 | 99.9 | 3387.0 | 675.0 | -1.8 | -13.6 | 328.6 | 7.0 | 3.8 | -5.8 | 303.6 | 309.6 | 1.3 | 30.7 | 999.9 | 999.9 |
| 9.2 | 99.9 | 3686.6 | 650.0 | -2.9 | -19.4 | 322.5 | 9.4 | 5.7 | -7.4 | 305.7 | 309.7 | 0.4 | 30.7 | 999.9 | 999.9 |
| 10.2 | 99.9 | 3987.4 | 625.0 | -3.4 | -33.4 | 315.7 | 9.7 | 6.7 | -6.9 | 308.5 | 309.7 | 0.4 | 30.7 | 999.9 | 999.9 |
| 11.2 | 99.9 | 4318.5 | 600.0 | -5.9 | -35.9 | 301.2 | 9.5 | 8.1 | -4.9 | 309.3 | 310.3 | 0.3 | 30.7 | 999.9 | 999.9 |
| 12.2 | 99.9 | 4659.1 | 575.0 | -8.4 | -38.4 | 291.7 | 11.1 | 10.3 | -4.1 | 310.1 | 310.9 | 0.2 | 30.7 | 999.9 | 999.9 |
| 13.3 | 99.9 | 4993.1 | 550.0 | -11.1 | -41.1 | 286.0 | 13.1 | 12.6 | -3.6 | 310.9 | 311.6 | 0.2 | 30.7 | 999.9 | 999.9 |
| 14.4 | 99.9 | 5348.3 | 525.0 | -13.9 | -43.9 | 285.3 | 15.1 | 14.6 | -4.0 | 311.7 | 312.3 | 0.1 | 30.7 | 999.9 | 999.9 |
| 15.6 | 99.9 | 5715.8 | 500.0 | -16.8 | -46.8 | 288.2 | 15.1 | 14.4 | -4.7 | 312.6 | 313.0 | 0.1 | 30.7 | 999.9 | 999.9 |
| 16.8 | 99.9 | 6095.9 | 475.0 | -19.6 | -49.6 | 291.0 | 16.1 | 15.3 | -5.3 | 313.8 | 314.1 | 0.1 | 30.7 | 999.9 | 999.9 |
| 18.0 | 99.9 | 6493.3 | 450.0 | -22.5 | -52.5 | 290.6 | 18.6 | 17.4 | -6.7 | 315.0 | 315.3 | 0.1 | 30.7 | 999.9 | 999.9 |
| 19.4 | 99.9 | 6917.2 | 425.0 | -24.2 | -54.2 | 290.6 | 21.7 | 20.3 | -7.6 | 317.7 | 317.9 | 0.1 | 30.7 | 999.9 | 999.9 |
| 20.7 | 99.9 | 7356.4 | 400.0 | -27.2 | -57.2 | 288.6 | 24.1 | 22.8 | -7.7 | 319.7 | 319.8 | 0.0 | 30.7 | 999.9 | 999.9 |
| 22.2 | 99.9 | 7819.1 | 375.0 | -30.7 | -60.7 | 286.0 | 25.0 | 24.0 | -8.9 | 321.0 | 321.1 | 0.0 | 30.7 | 999.9 | 999.9 |
| 23.9 | 99.9 | 8304.5 | 350.0 | -34.4 | -64.4 | 285.9 | 26.1 | 24.9 | -9.9 | 322.4 | 322.5 | 0.0 | 30.7 | 999.9 | 999.9 |
| 25.7 | 99.9 | 8818.5 | 325.0 | -38.3 | -68.3 | 285.6 | 28.1 | 27.5 | -9.9 | 323.9 | 323.9 | 0.0 | 30.7 | 999.9 | 999.9 |
| 27.6 | 99.9 | 9364.0 | 300.0 | -42.7 | -72.7 | 285.4 | 30.5 | 29.4 | -9.9 | 325.2 | 325.2 | 0.0 | 30.7 | 999.9 | 999.9 |
| 29.6 | 99.9 | 9947.0 | 275.0 | -45.9 | -75.9 | 279.7 | 34.2 | 33.7 | -9.9 | 326.7 | 326.7 | 0.0 | 30.7 | 999.9 | 999.9 |
| 32.0 | 99.9 | 10577.4 | 250.0 | -48.8 | -78.8 | 274.0 | 37.6 | 37.5 | -9.9 | 328.2 | 328.2 | 0.0 | 30.7 | 999.9 | 999.9 |
| 34.2 | 99.9 | 11264.2 | 225.0 | -52.4 | -82.4 | 276.7 | 46.3 | 45.9 | -9.9 | 330.5 | 330.5 | 0.0 | 30.7 | 999.9 | 999.9 |
| 36.7 | 99.9 | 12018.9 | 200.0 | -56.4 | -86.4 | 276.7 | 41.9 | 41.6 | -9.9 | 332.9 | 332.9 | 0.0 | 30.7 | 999.9 | 999.9 |
| 39.4 | 99.9 | 12861.8 | 175.0 | -58.8 | -88.8 | 275.2 | 40.1 | 39.9 | -9.9 | 334.5 | 334.5 | 0.0 | 30.7 | 999.9 | 999.9 |
| 42.5 | 99.9 | 13838.2 | 150.0 | -57.3 | -87.3 | 282.5 | 27.3 | 26.6 | -9.9 | 336.6 | 336.6 | 0.0 | 30.7 | 999.9 | 999.9 |
| 46.0 | 99.9 | 14980.5 | 125.0 | -58.7 | -88.7 | 289.1 | 23.8 | 23.7 | -9.9 | 338.6 | 338.6 | 0.0 | 30.7 | 999.9 | 999.9 |
| 50.3 | 99.9 | 16384.8 | 100.0 | -60.4 | -90.4 | 289.1 | 15.6 | 15.5 | -9.9 | 340.6 | 340.6 | 0.0 | 30.7 | 999.9 | 999.9 |
| 55.4 | 99.9 | 18160.9 | 75.0 | -64.1 | -94.1 | 289.1 | 13.6 | 12.5 | -9.9 | 342.7 | 342.7 | 0.0 | 30.7 | 999.9 | 999.9 |
| 62.6 | 99.9 | 20644.1 | 50.0 | -62.3 | -92.3 | 270.2 | 5.0 | 5.0 | -9.9 | 344.7 | 344.7 | 0.0 | 30.7 | 999.9 | 999.9 |
| 74.1 | 99.9 | 24997.0 | 25.0 | -55.6 | -85.6 | 328.9 | 1.9 | 1.0 | -9.9 | 346.7 | 346.7 | 0.0 | 30.7 | 999.9 | 999.9 |

ORIGINAL PAGE IS
OF POOR QUALITY

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 274
TUCSON, ARIZONA
24 APRIL 1982
2305 GMT

0 21.

DATA INTERPOLATED FROM NWS SIGNIFICANT LEVEL DATA

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE NM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 99.9 | 787.0 | 923.1 | 26.9 | -3.1 | 260.0 | 6.2 | 6.1 | 1.1 | 307.0 | 316.8 | 3.3 | 13.7 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 950.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 0.5 | 99.9 | 99.9 | 925.0 | 99.9 | -6.3 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 1.3 | 99.9 | 1008.9 | 900.0 | 23.7 | -9.0 | 266.0 | 6.1 | 6.1 | 0.4 | 305.6 | 313.8 | 2.6 | 13.0 | 999.9 | 999.9 |
| 2.1 | 99.9 | 1253.1 | 875.0 | 21.0 | -11.7 | 273.8 | 6.2 | 6.2 | -0.4 | 305.6 | 312.3 | 2.2 | 12.4 | 999.9 | 999.9 |
| 3.4 | 99.9 | 1502.0 | 850.0 | 18.3 | -11.7 | 276.7 | 6.2 | 6.2 | -0.7 | 305.3 | 310.9 | 1.8 | 11.9 | 999.9 | 999.9 |
| 4.7 | 99.9 | 1756.1 | 825.0 | 15.8 | -10.3 | 286.2 | 6.2 | 5.9 | -1.7 | 305.3 | 311.3 | 2.0 | 14.4 | 999.9 | 999.9 |
| 6.1 | 99.9 | 2015.7 | 800.0 | 13.3 | -10.8 | 289.5 | 6.6 | 6.2 | -2.2 | 305.3 | 311.7 | 2.1 | 17.6 | 999.9 | 999.9 |
| 7.7 | 99.9 | 2281.2 | 775.0 | 10.7 | -12.3 | 288.1 | 6.2 | 5.9 | -1.9 | 305.3 | 312.1 | 2.2 | 21.7 | 999.9 | 999.9 |
| 10.5 | 99.9 | 2552.9 | 750.0 | 8.0 | -16.0 | 278.7 | 7.4 | 7.4 | -1.1 | 305.3 | 312.4 | 2.4 | 26.7 | 999.9 | 999.9 |
| 13.3 | 99.9 | 2831.2 | 725.0 | 5.4 | -16.4 | 269.5 | 8.6 | 7.5 | -2.7 | 305.4 | 312.6 | 2.4 | 30.9 | 999.9 | 999.9 |
| 14.8 | 99.9 | 3116.5 | 700.0 | 2.7 | -10.8 | 284.3 | 10.8 | 10.5 | -2.7 | 305.5 | 312.7 | 2.3 | 36.1 | 999.9 | 999.9 |
| 16.1 | 99.9 | 3409.4 | 675.0 | 0.1 | -11.6 | 285.7 | 7.7 | 7.6 | -2.1 | 305.7 | 312.7 | 2.2 | 40.9 | 999.9 | 999.9 |
| 17.5 | 99.9 | 3710.3 | 650.0 | -2.8 | -12.8 | 279.5 | 7.8 | 8.9 | -1.9 | 305.8 | 312.4 | 2.0 | 45.7 | 999.9 | 999.9 |
| 18.7 | 99.9 | 4019.5 | 625.0 | -5.8 | -14.4 | 284.0 | 9.0 | 8.9 | -1.5 | 305.8 | 311.8 | 1.1 | 50.6 | 999.9 | 999.9 |
| 19.9 | 99.9 | 4338.1 | 600.0 | -8.1 | -22.0 | 284.7 | 10.4 | 10.2 | -2.6 | 308.8 | 309.6 | 0.2 | 55.5 | 999.9 | 999.9 |
| 21.2 | 99.9 | 4667.3 | 575.0 | -11.3 | -25.5 | 291.3 | 9.9 | 9.2 | -3.6 | 310.6 | 313.0 | 0.2 | 60.2 | 999.9 | 999.9 |
| 22.6 | 99.9 | 5009.5 | 550.0 | -13.3 | -28.3 | 293.5 | 12.9 | 11.6 | -5.1 | 312.5 | 313.0 | 0.1 | 65.2 | 999.9 | 999.9 |
| 24.0 | 99.9 | 5384.9 | 525.0 | -15.3 | -32.4 | 293.1 | 17.0 | 15.6 | -6.7 | 314.4 | 314.9 | 0.1 | 70.0 | 999.9 | 999.9 |
| 25.6 | 99.9 | 5734.9 | 500.0 | -17.6 | -37.4 | 287.0 | 15.6 | 15.1 | -5.9 | 316.2 | 317.4 | 0.2 | 75.6 | 999.9 | 999.9 |
| 27.2 | 99.9 | 6120.7 | 475.0 | -19.8 | -43.7 | 284.5 | 17.5 | 16.7 | -5.3 | 318.3 | 319.0 | 0.1 | 80.3 | 999.9 | 999.9 |
| 28.7 | 99.9 | 6523.7 | 450.0 | -23.2 | -47.8 | 287.2 | 18.2 | 17.2 | -6.0 | 319.3 | 319.7 | 0.2 | 85.3 | 999.9 | 999.9 |
| 30.3 | 99.9 | 6945.4 | 425.0 | -27.4 | -52.4 | 289.0 | 23.9 | 22.8 | -7.7 | 320.4 | 320.1 | 0.2 | 90.4 | 999.9 | 999.9 |
| 31.9 | 99.9 | 7385.6 | 400.0 | -31.4 | -57.4 | 285.9 | 28.2 | 27.1 | -8.4 | 320.8 | 320.7 | 0.1 | 95.9 | 999.9 | 999.9 |
| 33.6 | 99.9 | 7846.5 | 375.0 | -35.6 | -62.4 | 286.0 | 30.6 | 29.5 | -8.7 | 321.4 | 321.3 | 0.1 | 99.9 | 999.9 | 999.9 |
| 35.5 | 99.9 | 8330.9 | 350.0 | -40.1 | -67.4 | 284.7 | 34.5 | 33.3 | -10.1 | 322.1 | 321.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 37.4 | 99.9 | 8841.7 | 325.0 | -44.9 | -72.3 | 285.2 | 38.4 | 37.1 | -11.6 | 322.5 | 322.1 | 99.9 | 999.9 | 999.9 | 999.9 |
| 39.5 | 99.9 | 9382.4 | 300.0 | -49.8 | -77.3 | 285.3 | 35.7 | 34.8 | -11.0 | 324.5 | 323.6 | 99.9 | 999.9 | 999.9 | 999.9 |
| 41.9 | 99.9 | 9959.2 | 275.0 | -53.1 | -82.3 | 288.0 | 35.7 | 34.0 | -8.0 | 327.1 | 327.1 | 99.9 | 999.9 | 999.9 | 999.9 |
| 44.2 | 99.9 | 10579.5 | 250.0 | -58.4 | -87.3 | 284.4 | 32.2 | 31.2 | -8.9 | 330.6 | 330.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 46.7 | 99.9 | 12001.8 | 200.0 | -58.0 | -95.3 | 284.4 | 35.8 | 34.6 | -4.4 | 340.3 | 340.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 49.4 | 99.9 | 13841.0 | 175.0 | -58.5 | -99.9 | 278.1 | 31.0 | 30.7 | -4.3 | 353.3 | 353.3 | 99.9 | 999.9 | 999.9 | 999.9 |
| 52.6 | 99.9 | 15731.8 | 150.0 | -57.2 | -99.9 | 278.6 | 28.6 | 28.3 | -2.2 | 395.0 | 395.0 | 99.9 | 999.9 | 999.9 | 999.9 |
| 55.4 | 99.9 | 18073.3 | 125.0 | -55.2 | -99.9 | 275.5 | 22.4 | 22.4 | -0.7 | 415.3 | 415.3 | 99.9 | 999.9 | 999.9 | 999.9 |
| 58.1 | 99.9 | 20382.2 | 100.0 | -52.2 | -99.9 | 272.4 | 15.6 | 15.6 | 0.1 | 442.8 | 442.8 | 99.9 | 999.9 | 999.9 | 999.9 |
| 61.2 | 99.9 | 23186.7 | 75.0 | -52.9 | -99.9 | 269.3 | 10.3 | 10.3 | 0.2 | 507.1 | 507.1 | 99.9 | 999.9 | 999.9 | 999.9 |
| 74.6 | 99.9 | 20678.1 | 50.0 | -57.9 | -99.9 | 263.4 | 1.6 | 1.6 | -0.7 | 638.3 | 638.3 | 99.9 | 999.9 | 999.9 | 999.9 |
| 86.6 | 99.9 | 25124.0 | 25.0 | -50.9 | -99.9 | 250.9 | 2.0 | 1.8 | -0.7 | | | 99.9 | 999.9 | 999.9 | 999.9 |

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 274
TUCSON, ARIZONA
25 APRIL 1982
1105 GMT

0 11.

DATA INTERPOLATED FROM NWS SIGNIFICANT LEVEL DATA

| TIME MIN | CHTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 99.9 | 787.0 | 924.5 | 10.9 | -5.7 | 140.0 | 3.1 | -2.0 | 2.4 | 290.5 | 298.1 | 2.7 | 30.6 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 0.8 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 1.6 | 99.9 | 1015.7 | 800.0 | 17.8 | -9.0 | 297.7 | 1.2 | 1.1 | 0.2 | 299.9 | 305.2 | 2.1 | 15.1 | 999.9 | 999.9 |
| 2.4 | 99.9 | 1255.6 | 875.0 | 16.5 | -13.5 | 297.7 | 3.3 | 2.9 | -1.5 | 300.9 | 305.5 | 1.5 | 11.5 | 999.9 | 999.9 |
| 3.2 | 99.9 | 1500.9 | 850.0 | 14.6 | -15.4 | 306.2 | 4.1 | 3.2 | -2.5 | 301.5 | 305.6 | 1.4 | 11.1 | 999.9 | 999.9 |
| 4.1 | 99.9 | 1751.9 | 825.0 | 12.6 | -15.0 | 317.4 | 4.4 | 2.9 | -3.2 | 301.9 | 306.3 | 1.4 | 13.1 | 999.9 | 999.9 |
| 5.0 | 99.9 | 2008.7 | 800.0 | 10.5 | -14.6 | 320.8 | 5.2 | 3.3 | -4.0 | 302.4 | 307.0 | 1.5 | 15.6 | 999.9 | 999.9 |
| 5.9 | 99.9 | 2271.8 | 775.0 | 8.4 | -14.1 | 319.1 | 5.6 | 3.7 | -4.3 | 302.8 | 307.8 | 1.7 | 18.6 | 999.9 | 999.9 |
| 6.9 | 99.9 | 2541.3 | 750.0 | 6.0 | -13.5 | 306.0 | 4.3 | 3.4 | -2.5 | 303.1 | 308.6 | 2.0 | 23.0 | 999.9 | 999.9 |
| 7.9 | 99.9 | 2817.6 | 725.0 | 3.5 | -12.7 | 286.1 | 4.5 | 4.4 | -1.3 | 303.3 | 309.3 | 2.2 | 27.6 | 999.9 | 999.9 |
| 8.8 | 99.9 | 3101.0 | 700.0 | 0.9 | -11.9 | 261.0 | 5.5 | 5.5 | 0.9 | 303.5 | 310.2 | 2.7 | 31.8 | 999.9 | 999.9 |
| 9.8 | 99.9 | 3392.1 | 675.0 | -1.5 | -12.8 | 252.7 | 6.1 | 5.8 | 1.8 | 303.9 | 310.2 | 0.4 | 35.5 | 999.9 | 999.9 |
| 10.8 | 99.9 | 3681.6 | 650.0 | -2.9 | -12.8 | 252.7 | 6.6 | 6.5 | 0.8 | 303.9 | 310.2 | 0.8 | 39.5 | 999.9 | 999.9 |
| 11.9 | 99.9 | 4001.4 | 625.0 | -4.4 | -12.8 | 252.7 | 8.7 | 8.4 | -0.4 | 303.9 | 310.2 | 0.8 | 43.5 | 999.9 | 999.9 |
| 13.0 | 99.9 | 4321.7 | 600.0 | -6.4 | -12.8 | 252.7 | 8.7 | 8.4 | -0.4 | 303.9 | 310.2 | 0.8 | 47.5 | 999.9 | 999.9 |
| 14.3 | 99.9 | 4653.1 | 575.0 | -8.4 | -12.8 | 252.7 | 8.7 | 8.4 | -0.4 | 303.9 | 310.2 | 0.8 | 51.5 | 999.9 | 999.9 |
| 15.6 | 99.9 | 4997.1 | 550.0 | -9.7 | -12.8 | 252.7 | 8.7 | 8.4 | -0.4 | 303.9 | 310.2 | 0.8 | 55.5 | 999.9 | 999.9 |
| 17.0 | 99.9 | 5355.2 | 525.0 | -11.2 | -12.8 | 252.7 | 8.7 | 8.4 | -0.4 | 303.9 | 310.2 | 0.8 | 59.5 | 999.9 | 999.9 |
| 18.1 | 99.9 | 5727.7 | 500.0 | -13.9 | -12.8 | 252.7 | 8.7 | 8.4 | -0.4 | 303.9 | 310.2 | 0.8 | 63.5 | 999.9 | 999.9 |
| 19.8 | 99.9 | 6115.8 | 475.0 | -15.8 | -12.8 | 252.7 | 8.7 | 8.4 | -0.4 | 303.9 | 310.2 | 0.8 | 67.5 | 999.9 | 999.9 |
| 21.4 | 99.9 | 6521.3 | 450.0 | -18.6 | -12.8 | 252.7 | 8.7 | 8.4 | -0.4 | 303.9 | 310.2 | 0.8 | 71.5 | 999.9 | 999.9 |
| 23.0 | 99.9 | 6944.6 | 425.0 | -22.1 | -12.8 | 252.7 | 8.7 | 8.4 | -0.4 | 303.9 | 310.2 | 0.8 | 75.5 | 999.9 | 999.9 |
| 24.6 | 99.9 | 7388.9 | 400.0 | -26.1 | -12.8 | 252.7 | 8.7 | 8.4 | -0.4 | 303.9 | 310.2 | 0.8 | 79.5 | 999.9 | 999.9 |
| 26.3 | 99.9 | 7850.2 | 375.0 | -30.1 | -12.8 | 252.7 | 8.7 | 8.4 | -0.4 | 303.9 | 310.2 | 0.8 | 83.5 | 999.9 | 999.9 |
| 28.1 | 99.9 | 8337.2 | 350.0 | -34.3 | -12.8 | 252.7 | 8.7 | 8.4 | -0.4 | 303.9 | 310.2 | 0.8 | 87.5 | 999.9 | 999.9 |
| 30.1 | 99.9 | 8850.8 | 325.0 | -38.7 | -12.8 | 252.7 | 8.7 | 8.4 | -0.4 | 303.9 | 310.2 | 0.8 | 91.5 | 999.9 | 999.9 |
| 32.2 | 99.9 | 9395.4 | 300.0 | -43.1 | -12.8 | 252.7 | 8.7 | 8.4 | -0.4 | 303.9 | 310.2 | 0.8 | 95.5 | 999.9 | 999.9 |
| 34.6 | 99.9 | 9975.8 | 275.0 | -47.6 | -12.8 | 252.7 | 8.7 | 8.4 | -0.4 | 303.9 | 310.2 | 0.8 | 99.5 | 999.9 | 999.9 |
| 37.1 | 99.9 | 10599.4 | 250.0 | -52.0 | -12.8 | 252.7 | 8.7 | 8.4 | -0.4 | 303.9 | 310.2 | 0.8 | 103.5 | 999.9 | 999.9 |
| 39.9 | 99.9 | 11276.9 | 225.0 | -56.8 | -12.8 | 252.7 | 8.7 | 8.4 | -0.4 | 303.9 | 310.2 | 0.8 | 107.5 | 999.9 | 999.9 |
| 43.1 | 99.9 | 12016.5 | 200.0 | -61.8 | -12.8 | 252.7 | 8.7 | 8.4 | -0.4 | 303.9 | 310.2 | 0.8 | 111.5 | 999.9 | 999.9 |
| 46.2 | 99.9 | 12806.7 | 175.0 | -66.9 | -12.8 | 252.7 | 8.7 | 8.4 | -0.4 | 303.9 | 310.2 | 0.8 | 115.5 | 999.9 | 999.9 |
| 50.2 | 99.9 | 13790.7 | 150.0 | -72.0 | -12.8 | 252.7 | 8.7 | 8.4 | -0.4 | 303.9 | 310.2 | 0.8 | 119.5 | 999.9 | 999.9 |
| 54.8 | 99.9 | 14931.2 | 125.0 | -77.1 | -12.8 | 252.7 | 8.7 | 8.4 | -0.4 | 303.9 | 310.2 | 0.8 | 123.5 | 999.9 | 999.9 |
| 59.9 | 99.9 | 16322.2 | 100.0 | -82.2 | -12.8 | 252.7 | 8.7 | 8.4 | -0.4 | 303.9 | 310.2 | 0.8 | 127.5 | 999.9 | 999.9 |
| 69.0 | 99.9 | 18092.6 | 75.0 | -87.3 | -12.8 | 252.7 | 8.7 | 8.4 | -0.4 | 303.9 | 310.2 | 0.8 | 131.5 | 999.9 | 999.9 |
| 82.0 | 99.9 | 20582.5 | 50.0 | -92.4 | -12.8 | 252.7 | 8.7 | 8.4 | -0.4 | 303.9 | 310.2 | 0.8 | 135.5 | 999.9 | 999.9 |
| | 99.9 | 24985.2 | 25.0 | -97.5 | -12.8 | 252.7 | 8.7 | 8.4 | -0.4 | 303.9 | 310.2 | 0.8 | 139.5 | 999.9 | 999.9 |

C-4

STATION NO. 340
LITTLE ROCK, ARKANSAS

24 APRIL 1982
1100 GMT

0 10.

DATA INTERPOLATED FROM NWS SIGNIFICANT LEVEL DATA

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP C | DEW PT C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO CM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|-----------|-------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 99.9 | 172.0 | 1002.0 | 8.9 | 3.8 | 120.0 | 2.6 | -2.2 | 1.3 | 281.9 | 294.9 | 5.0 | 70.3 | 999.9 | 999. |
| 0.1 | 99.9 | 186.6 | 1000.0 | 10.2 | 3.7 | 124.8 | 2.8 | -2.3 | 1.6 | 283.4 | 296.4 | 5.0 | 64.0 | 999.9 | 999. |
| 0.8 | 99.9 | 400.6 | 995.0 | 12.0 | -0.8 | 142.2 | 4.9 | -3.0 | 3.9 | 287.3 | 297.3 | 3.7 | 41.0 | 999.9 | 999. |
| 1.5 | 99.9 | 617.5 | 950.0 | 10.6 | -1.8 | 157.2 | 6.1 | -2.4 | 5.6 | 287.9 | 297.6 | 3.5 | 42.1 | 999.9 | 999. |
| 2.3 | 99.9 | 839.0 | 925.0 | 9.1 | -2.7 | 172.3 | 6.8 | -0.9 | 6.7 | 288.6 | 297.8 | 3.4 | 43.3 | 999.9 | 999. |
| 3.1 | 99.9 | 1065.3 | 900.0 | 7.2 | -3.4 | 187.4 | 7.1 | 0.9 | 7.0 | 289.0 | 298.0 | 3.3 | 46.6 | 999.9 | 999. |
| 4.0 | 99.9 | 1298.2 | 875.0 | 5.0 | -3.6 | 205.2 | 6.2 | 2.6 | 5.6 | 289.0 | 298.2 | 3.4 | 53.7 | 999.9 | 999. |
| 4.8 | 99.9 | 1531.9 | 850.0 | 3.5 | -12.0 | 213.3 | 6.6 | 3.6 | 5.5 | 289.8 | 294.9 | 1.8 | 31.0 | 999.9 | 999. |
| 5.6 | 99.9 | 1773.6 | 825.0 | 2.5 | -16.6 | 218.5 | 6.4 | 4.0 | 5.0 | 291.3 | 295.0 | 1.2 | 22.7 | 999.9 | 999. |
| 6.5 | 99.9 | 2022.0 | 800.0 | 2.1 | -17.2 | 227.5 | 5.9 | 4.3 | 4.0 | 293.4 | 297.1 | 1.2 | 22.3 | 999.9 | 999. |
| 7.4 | 99.9 | 2278.9 | 775.0 | 4.3 | -15.4 | 238.2 | 5.7 | 4.8 | 3.0 | 298.4 | 302.9 | 1.5 | 22.2 | 999.9 | 999. |
| 8.2 | 99.9 | 2545.2 | 750.0 | 3.2 | -9.4 | 242.5 | 5.7 | 5.1 | 2.7 | 300.1 | 307.4 | 2.5 | 38.9 | 999.9 | 999. |
| 9.0 | 99.9 | 2819.5 | 725.0 | 1.8 | -3.3 | 245.0 | 6.2 | 5.6 | 2.6 | 301.5 | 313.3 | 4.1 | 68.6 | 999.9 | 999. |
| 9.9 | 99.9 | 3102.2 | 700.0 | 0.6 | -4.5 | 245.9 | 6.6 | 5.5 | 2.7 | 303.2 | 314.5 | 3.9 | 62.1 | 999.9 | 999. |
| 10.9 | 99.9 | 3393.4 | 675.0 | -1.5 | -7.8 | 241.4 | 6.2 | 5.1 | 3.0 | 304.0 | 313.2 | 3.2 | 68.0 | 999.9 | 999. |
| 11.9 | 99.9 | 3692.8 | 650.0 | -4.1 | -9.1 | 231.9 | 5.2 | 4.1 | 3.2 | 304.4 | 313.1 | 3.0 | 68.0 | 999.9 | 999. |
| 12.9 | 99.9 | 4001.1 | 625.0 | -5.6 | -13.6 | 237.5 | 4.7 | 3.9 | 2.5 | 308.7 | 313.5 | 2.1 | 53.3 | 999.9 | 999. |
| 14.1 | 99.9 | 4321.1 | 600.0 | -8.4 | -18.3 | 253.8 | 5.8 | 5.6 | 1.8 | 308.7 | 313.4 | 1.5 | 38.2 | 999.9 | 999. |
| 15.3 | 99.9 | 4652.9 | 575.0 | -8.1 | -23.8 | 241.1 | 7.5 | 6.5 | 3.6 | 310.5 | 313.6 | 1.0 | 27.1 | 999.9 | 999. |
| 16.4 | 99.9 | 4986.5 | 550.0 | -10.5 | -26.2 | 233.0 | 8.5 | 6.8 | 5.1 | 311.6 | 314.3 | 0.8 | 26.2 | 999.9 | 999. |
| 17.6 | 99.9 | 5322.8 | 525.0 | -13.1 | -28.7 | 239.9 | 8.4 | 7.3 | 4.2 | 312.7 | 315.0 | 0.7 | 25.3 | 999.9 | 999. |
| 18.9 | 99.9 | 5722.8 | 500.0 | -15.7 | -31.4 | 251.1 | 7.3 | 6.9 | 2.4 | 313.9 | 315.8 | 0.5 | 24.4 | 999.9 | 999. |
| 20.3 | 99.9 | 6108.2 | 475.0 | -17.7 | -33.3 | 251.2 | 9.8 | 9.3 | 3.2 | 316.0 | 317.7 | 0.5 | 24.2 | 999.9 | 999. |
| 21.7 | 99.9 | 6510.9 | 450.0 | -20.4 | -35.6 | 245.6 | 13.1 | 11.9 | 5.4 | 317.7 | 319.1 | 0.4 | 24.1 | 999.9 | 999. |
| 23.1 | 99.9 | 6931.1 | 425.0 | -24.2 | -37.2 | 237.0 | 13.4 | 11.3 | 7.3 | 318.0 | 319.2 | 0.4 | 23.7 | 999.9 | 999. |
| 24.6 | 99.9 | 7389.5 | 400.0 | -28.4 | -38.7 | 235.8 | 14.2 | 11.7 | 8.0 | 318.1 | 319.5 | 0.4 | 44.4 | 999.9 | 999. |
| 26.2 | 99.9 | 7828.1 | 375.0 | -32.6 | -40.9 | 233.1 | 16.2 | 13.9 | 9.7 | 318.5 | 319.5 | 0.3 | 42.7 | 999.9 | 999. |
| 27.8 | 99.9 | 8311.3 | 350.0 | -35.7 | -42.2 | 243.6 | 17.9 | 16.0 | 7.9 | 320.6 | 322.0 | 0.4 | 80.8 | 999.9 | 999. |
| 29.6 | 99.9 | 8822.6 | 325.0 | -39.6 | -41.2 | 246.6 | 18.3 | 16.8 | 7.3 | 322.1 | 323.3 | 0.3 | 84.1 | 999.9 | 999. |
| 31.3 | 99.9 | 9365.1 | 300.0 | -44.0 | -44.0 | 248.3 | 18.8 | 17.5 | 7.0 | 323.4 | 323.3 | 0.3 | 99.9 | 999.9 | 999. |
| 33.3 | 99.9 | 9943.0 | 275.0 | -48.9 | -48.9 | 255.9 | 20.6 | 20.0 | 5.0 | 324.5 | 324.5 | 0.3 | 99.9 | 999.9 | 999. |
| 35.4 | 99.9 | 10561.7 | 250.0 | -54.2 | -54.2 | 260.1 | 29.1 | 28.7 | 5.0 | 325.5 | 325.5 | 0.3 | 99.9 | 999.9 | 999. |
| 37.8 | 99.9 | 11324.1 | 225.0 | -56.3 | -56.3 | 259.8 | 20.9 | 20.4 | 5.5 | 325.5 | 325.5 | 0.3 | 99.9 | 999.9 | 999. |
| 40.5 | 99.9 | 11978.1 | 200.0 | -58.7 | -58.7 | 258.0 | 20.8 | 20.4 | 5.5 | 325.5 | 325.5 | 0.3 | 99.9 | 999.9 | 999. |
| 43.3 | 99.9 | 12813.7 | 175.0 | -57.8 | -57.8 | 261.8 | 25.7 | 25.5 | 5.8 | 339.8 | 339.8 | 0.3 | 99.9 | 999.9 | 999. |
| 46.5 | 99.9 | 13776.4 | 150.0 | -59.0 | -59.0 | 266.5 | 29.1 | 29.0 | 1.8 | 349.7 | 349.7 | 0.3 | 99.9 | 999.9 | 999. |
| 50.3 | 99.9 | 14921.3 | 125.0 | -59.0 | -59.0 | 263.7 | 24.5 | 24.3 | 2.7 | 370.5 | 370.5 | 0.3 | 99.9 | 999.9 | 999. |
| 54.9 | 99.9 | 16317.7 | 100.0 | -60.6 | -60.6 | 264.5 | 17.1 | 17.0 | 1.6 | 388.2 | 388.2 | 0.3 | 99.9 | 999.9 | 999. |
| 60.5 | 99.9 | 18087.4 | 75.0 | -63.3 | -63.3 | 274.1 | 11.3 | 11.3 | -0.8 | 410.7 | 410.7 | 0.3 | 99.9 | 999.9 | 999. |
| 67.9 | 99.9 | 20591.8 | 50.0 | -59.2 | -59.2 | 341.1 | 2.6 | 0.9 | -2.5 | 504.0 | 504.0 | 0.3 | 99.9 | 999.9 | 999. |
| 78.7 | 99.9 | 24989.3 | 25.0 | -53.2 | -53.2 | 60.7 | 1.6 | -1.4 | -0.8 | 531.7 | 531.7 | 0.3 | 99.9 | 999.9 | 999. |

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OF POOR QUALITY

STATION NO. 340
LITTLE ROCK, ARKANSAS
24 APRIL 1982
2300 GMT

0 22

DATA INTERPOLATED FROM NWS SIGNIFICANT LEVEL DATA

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 99.9 | 172.0 | 997.6 | 15.6 | 9.8 | 140.0 | 0.0 | 0.0 | 0.0 | 289.0 | 309.0 | 7.7 | 68.4 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 0.5 | 99.9 | 366.0 | 975.0 | 13.7 | 7.4 | 150.0 | 2.7 | -1.3 | 2.3 | 289.0 | 306.5 | 6.7 | 99.9 | 999.9 | 999.9 |
| 1.2 | 99.9 | 584.4 | 950.0 | 11.8 | 6.9 | 148.6 | 5.4 | -2.8 | 4.6 | 289.0 | 306.6 | 6.6 | 72.2 | 999.9 | 999.9 |
| 2.0 | 99.9 | 807.0 | 925.0 | 9.7 | 6.5 | 145.0 | 6.2 | -3.7 | 5.1 | 289.0 | 306.6 | 6.5 | 80.0 | 999.9 | 999.9 |
| 2.8 | 99.9 | 1034.1 | 900.0 | 7.7 | 5.9 | 143.5 | 6.8 | -3.6 | 5.7 | 289.0 | 306.6 | 6.0 | 88.5 | 999.9 | 999.9 |
| 3.6 | 99.9 | 1265.9 | 875.0 | 5.8 | 4.5 | 141.6 | 8.2 | -3.2 | 7.5 | 289.0 | 306.6 | 5.6 | 91.1 | 999.9 | 999.9 |
| 4.5 | 99.9 | 1502.8 | 850.0 | 3.9 | 3.0 | 138.8 | 10.6 | -1.4 | 10.5 | 292.4 | 301.6 | 5.3 | 93.8 | 999.9 | 999.9 |
| 5.5 | 99.9 | 1745.2 | 825.0 | 3.6 | -4.7 | 132.3 | 13.0 | 1.5 | 12.9 | 297.8 | 317.2 | 7.1 | 94.5 | 999.9 | 999.9 |
| 6.4 | 99.9 | 1997.7 | 800.0 | 4.2 | 3.4 | 126.7 | 14.4 | 3.7 | 13.9 | 298.4 | 315.9 | 6.4 | 94.5 | 999.9 | 999.9 |
| 7.3 | 99.9 | 2257.6 | 775.0 | 2.2 | 1.4 | 119.4 | 14.3 | 2.8 | 13.6 | 300.0 | 314.7 | 5.7 | 94.4 | 999.9 | 999.9 |
| 8.2 | 99.9 | 2524.0 | 750.0 | 0.5 | -0.3 | 114.4 | 13.9 | 2.2 | 13.7 | 301.7 | 315.6 | 4.9 | 94.3 | 999.9 | 999.9 |
| 9.2 | 99.9 | 2797.3 | 725.0 | -0.7 | -1.5 | 109.0 | 13.3 | 2.6 | 14.1 | 303.4 | 316.6 | 4.6 | 94.2 | 999.9 | 999.9 |
| 10.2 | 99.9 | 3076.8 | 700.0 | -2.0 | -2.8 | 104.3 | 12.8 | 4.0 | 15.8 | 305.1 | 317.6 | 4.3 | 94.2 | 999.9 | 999.9 |
| 11.4 | 99.9 | 3368.9 | 675.0 | -3.4 | -4.2 | 99.1 | 16.3 | 6.4 | 16.8 | 306.9 | 318.7 | 4.0 | 94.1 | 999.9 | 999.9 |
| 12.7 | 99.9 | 3668.9 | 650.0 | -4.8 | -5.6 | 200.9 | 18.0 | 8.2 | 15.7 | 308.8 | 319.9 | 3.7 | 94.0 | 999.9 | 999.9 |
| 14.0 | 99.9 | 3978.8 | 625.0 | -6.3 | -7.1 | 207.7 | 17.7 | 9.2 | 15.8 | 310.3 | 320.3 | 3.3 | 93.1 | 999.9 | 999.9 |
| 15.3 | 99.9 | 4299.5 | 600.0 | -8.3 | -9.2 | 210.2 | 18.3 | 10.5 | 14.7 | 311.8 | 320.7 | 2.9 | 92.1 | 999.9 | 999.9 |
| 16.6 | 99.9 | 4631.6 | 575.0 | -10.3 | -11.4 | 215.5 | 18.1 | 11.9 | 15.5 | 313.5 | 321.3 | 2.5 | 90.9 | 999.9 | 999.9 |
| 17.9 | 99.9 | 4975.8 | 550.0 | -12.5 | -13.6 | 217.9 | 19.5 | 13.0 | 15.5 | 315.1 | 322.0 | 2.2 | 89.7 | 999.9 | 999.9 |
| 19.3 | 99.9 | 5333.1 | 525.0 | -14.7 | -16.0 | 220.0 | 20.2 | 14.7 | 13.5 | 316.6 | 322.2 | 1.8 | 86.3 | 999.9 | 999.9 |
| 20.7 | 99.9 | 5704.6 | 500.0 | -17.3 | -18.0 | 223.2 | 18.5 | 12.7 | 11.8 | 318.0 | 322.6 | 1.4 | 82.7 | 999.9 | 999.9 |
| 22.0 | 99.9 | 6091.4 | 475.0 | -20.1 | -22.3 | 231.3 | 17.6 | 12.8 | 12.1 | 318.9 | 322.4 | 1.1 | 79.2 | 999.9 | 999.9 |
| 23.4 | 99.9 | 6494.8 | 450.0 | -23.5 | -26.1 | 238.6 | 16.3 | 13.2 | 12.1 | 318.9 | 322.4 | 0.8 | 75.4 | 999.9 | 999.9 |
| 24.9 | 99.9 | 6915.9 | 425.0 | -27.1 | -30.1 | 245.6 | 15.6 | 13.2 | 13.0 | 320.8 | 322.7 | 0.5 | 70.7 | 999.9 | 999.9 |
| 26.5 | 99.9 | 7356.2 | 400.0 | -30.8 | -34.3 | 252.5 | 14.4 | 11.8 | 13.7 | 321.9 | 323.7 | 0.2 | 65.6 | 999.9 | 999.9 |
| 28.0 | 99.9 | 7818.1 | 375.0 | -34.7 | -38.9 | 262.6 | 13.0 | 11.8 | 16.8 | 322.8 | 323.7 | 0.2 | 59.2 | 999.9 | 999.9 |
| 29.5 | 99.9 | 8304.0 | 350.0 | -39.1 | -44.0 | 274.1 | 11.6 | 11.6 | 19.9 | 323.8 | 323.7 | 0.2 | 55.2 | 999.9 | 999.9 |
| 31.2 | 99.9 | 8816.9 | 325.0 | -43.7 | -49.9 | 286.6 | 9.9 | 13.6 | 20.1 | 324.7 | 323.7 | 0.2 | 50.9 | 999.9 | 999.9 |
| 32.9 | 99.9 | 9360.3 | 300.0 | -48.7 | -55.9 | 296.6 | 22.2 | 21.0 | 20.2 | 327.0 | 323.7 | 0.2 | 46.6 | 999.9 | 999.9 |
| 34.8 | 99.9 | 9938.8 | 275.0 | -53.2 | -61.9 | 306.6 | 24.3 | 27.8 | 14.6 | 332.8 | 323.7 | 0.2 | 42.3 | 999.9 | 999.9 |
| 36.9 | 99.9 | 10558.4 | 250.0 | -58.0 | -67.9 | 314.1 | 29.2 | 24.6 | 7.2 | 335.1 | 323.7 | 0.2 | 38.0 | 999.9 | 999.9 |
| 39.1 | 99.9 | 11232.9 | 225.0 | -63.5 | -73.9 | 321.7 | 25.1 | 20.8 | 4.9 | 338.7 | 323.7 | 0.2 | 33.7 | 999.9 | 999.9 |
| 42.2 | 99.9 | 11978.5 | 200.0 | -68.0 | -79.9 | 328.7 | 22.0 | 16.2 | 5.0 | 349.5 | 323.7 | 0.2 | 29.4 | 999.9 | 999.9 |
| 45.1 | 99.9 | 12821.6 | 175.0 | -73.5 | -85.9 | 335.7 | 17.0 | 9.8 | -1.7 | 439.2 | 323.7 | 0.2 | 25.1 | 999.9 | 999.9 |
| 48.7 | 99.9 | 13794.9 | 150.0 | -78.4 | -91.9 | 342.7 | 10.0 | 4.0 | -0.9 | 501.9 | 323.7 | 0.2 | 20.8 | 999.9 | 999.9 |
| 52.7 | 99.9 | 14941.9 | 125.0 | -83.8 | -97.9 | 349.7 | 4.1 | -1.3 | -1.8 | 630.5 | 323.7 | 0.2 | 16.5 | 999.9 | 999.9 |
| 57.3 | 99.9 | 16337.7 | 100.0 | -90.1 | -104.9 | 356.7 | 2.2 | | | | | | | | |
| 63.3 | 99.9 | 18111.5 | 75.0 | -96.1 | -111.9 | 363.7 | | | | | | | | | |
| 71.3 | 99.9 | 20617.3 | 50.0 | -101.1 | -117.9 | 370.7 | | | | | | | | | |
| 84.3 | 99.9 | 25000.9 | 25.0 | -106.6 | -123.9 | 377.0 | | | | | | | | | |

STATION NO. 340
LITTLE ROCK, ARKANSAS
25 APRIL 1982
1100 GMT

0 21.

DATA INTERPOLATED FROM NWS SIGNIFICANT LEVEL DATA

| TIME MIN | QNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 99.9 | 172.0 | 992.4 | 12.8 | 12.2 | 130.0 | 2.1 | -1.6 | 1.3 | 285.6 | 309.8 | 9.1 | 96.1 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 39.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 0.5 | 99.9 | 320.6 | 975.0 | 11.7 | 11.0 | 150.3 | 4.3 | -2.1 | 3.8 | 286.9 | 308.8 | 8.5 | 95.5 | 999.9 | 999.9 |
| 1.2 | 99.9 | 538.3 | 950.0 | 11.4 | 10.8 | 162.0 | 7.8 | -2.4 | 7.4 | 288.2 | 311.1 | 8.6 | 95.8 | 999.9 | 999.9 |
| 2.0 | 99.9 | 761.7 | 925.0 | 11.1 | 10.5 | 174.8 | 10.2 | -0.9 | 10.2 | 290.7 | 313.5 | 8.7 | 96.1 | 999.9 | 999.9 |
| 2.8 | 99.9 | 990.9 | 900.0 | 10.8 | 10.3 | 191.1 | 11.4 | 2.2 | 11.2 | 292.7 | 315.9 | 8.8 | 96.5 | 999.9 | 999.9 |
| 3.6 | 99.9 | 1226.3 | 875.0 | 10.3 | 9.8 | 207.0 | 13.6 | 6.2 | 12.1 | 294.4 | 317.7 | 8.7 | 96.7 | 999.9 | 999.9 |
| 4.5 | 99.9 | 1487.6 | 850.0 | 8.8 | 8.3 | 214.0 | 15.2 | 8.5 | 12.6 | 295.4 | 317.2 | 8.1 | 96.7 | 999.9 | 999.9 |
| 5.3 | 99.9 | 1714.6 | 825.0 | 7.3 | 7.3 | 215.3 | 14.9 | 8.6 | 12.1 | 296.3 | 316.8 | 7.6 | 96.6 | 999.9 | 999.9 |
| 6.1 | 99.9 | 1967.8 | 800.0 | 5.7 | 5.2 | 216.2 | 13.3 | 7.8 | 10.7 | 297.3 | 316.3 | 7.0 | 96.6 | 999.9 | 999.9 |
| 6.9 | 99.9 | 2227.5 | 775.0 | 4.1 | 3.6 | 217.8 | 12.4 | 7.6 | 9.8 | 298.3 | 315.0 | 6.4 | 96.5 | 999.9 | 999.9 |
| 7.8 | 99.9 | 2494.0 | 750.0 | 2.5 | 2.0 | 218.8 | 11.1 | 7.0 | 8.7 | 299.3 | 315.7 | 5.9 | 96.5 | 999.9 | 999.9 |
| 8.7 | 99.9 | 2767.8 | 725.0 | 0.8 | 0.3 | 221.0 | 10.5 | 6.9 | 7.9 | 300.3 | 315.4 | 5.4 | 96.4 | 999.9 | 999.9 |
| 9.6 | 99.9 | 3049.3 | 700.0 | -1.0 | -0.3 | 222.6 | 9.3 | 7.0 | 7.6 | 301.4 | 315.3 | 4.9 | 96.4 | 999.9 | 999.9 |
| 10.5 | 99.9 | 3336.6 | 675.0 | -3.5 | -7.3 | 224.8 | 9.8 | 6.9 | 6.9 | 301.7 | 311.2 | 3.3 | 96.2 | 999.9 | 999.9 |
| 11.4 | 99.9 | 3635.9 | 650.0 | -5.6 | -13.6 | 226.6 | 9.3 | 6.7 | 6.8 | 302.6 | 308.8 | 2.1 | 95.3 | 999.9 | 999.9 |
| 12.3 | 99.9 | 3942.4 | 625.0 | -7.7 | -19.7 | 226.3 | 9.8 | 7.1 | 6.8 | 303.6 | 307.6 | 1.3 | 95.3 | 999.9 | 999.9 |
| 13.2 | 99.9 | 4259.5 | 600.0 | -8.9 | -23.6 | 227.0 | 11.8 | 8.7 | 8.1 | 305.8 | 308.8 | 0.2 | 95.3 | 999.9 | 999.9 |
| 14.2 | 99.9 | 4587.1 | 575.0 | -11.4 | -41.4 | 226.5 | 13.9 | 10.1 | 9.6 | 306.6 | 307.2 | 0.2 | 95.3 | 999.9 | 999.9 |
| 15.2 | 99.9 | 4926.6 | 550.0 | -13.4 | -43.4 | 224.5 | 15.9 | 11.2 | 11.4 | 308.1 | 308.7 | 0.1 | 95.5 | 999.9 | 999.9 |
| 16.2 | 99.9 | 5278.9 | 525.0 | -15.9 | -45.9 | 221.5 | 17.7 | 11.7 | 13.3 | 309.3 | 309.7 | 0.1 | 95.5 | 999.9 | 999.9 |
| 17.2 | 99.9 | 5644.6 | 500.0 | -18.7 | -48.7 | 215.1 | 18.8 | 10.8 | 15.4 | 310.3 | 310.6 | 0.1 | 95.1 | 999.9 | 999.9 |
| 18.2 | 99.9 | 6025.3 | 475.0 | -21.1 | -51.1 | 211.8 | 20.1 | 10.6 | 17.1 | 311.8 | 312.1 | 0.1 | 94.7 | 999.9 | 999.9 |
| 19.2 | 99.9 | 6422.1 | 450.0 | -24.2 | -54.2 | 211.0 | 20.2 | 10.4 | 17.3 | 312.9 | 313.1 | 0.1 | 94.3 | 999.9 | 999.9 |
| 20.4 | 99.9 | 6838.2 | 425.0 | -27.3 | -57.3 | 211.9 | 22.0 | 11.6 | 18.7 | 314.0 | 314.2 | 0.0 | 93.9 | 999.9 | 999.9 |
| 21.5 | 99.9 | 7270.1 | 400.0 | -30.3 | -60.3 | 214.6 | 25.2 | 14.3 | 20.8 | 315.6 | 315.7 | 0.0 | 93.5 | 999.9 | 999.9 |
| 22.8 | 99.9 | 7726.0 | 375.0 | -33.8 | -63.8 | 218.3 | 26.6 | 16.5 | 20.9 | 316.9 | 317.0 | 0.0 | 93.1 | 999.9 | 999.9 |
| 24.1 | 99.9 | 8206.0 | 350.0 | -37.5 | -67.5 | 220.9 | 24.8 | 16.2 | 18.7 | 318.2 | 318.3 | 0.0 | 92.7 | 999.9 | 999.9 |
| 25.5 | 99.9 | 8713.2 | 325.0 | -41.6 | -69.9 | 219.0 | 26.2 | 16.5 | 20.4 | 319.3 | 319.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 26.9 | 99.9 | 9250.5 | 300.0 | -46.3 | -69.9 | 218.9 | 27.7 | 17.4 | 21.6 | 320.1 | 319.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 28.4 | 99.9 | 9824.1 | 275.0 | -49.3 | -69.9 | 233.7 | 28.5 | 19.7 | 20.6 | 323.8 | 319.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 30.1 | 99.9 | 10445.4 | 250.0 | -52.6 | -69.9 | 231.3 | 27.1 | 21.1 | 16.9 | 327.9 | 319.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 32.3 | 99.9 | 11123.2 | 225.0 | -54.4 | -69.9 | 235.2 | 29.7 | 24.4 | 16.9 | 335.1 | 319.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 34.5 | 99.9 | 11873.7 | 200.0 | -57.4 | -69.9 | 232.5 | 27.0 | 21.4 | 16.5 | 341.9 | 319.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 36.5 | 99.9 | 12721.3 | 175.0 | -54.9 | -69.9 | 226.5 | 20.6 | 14.9 | 14.2 | 359.3 | 319.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 39.1 | 99.9 | 13702.3 | 150.0 | -55.3 | -69.9 | 235.3 | 25.3 | 20.8 | 14.4 | 374.8 | 319.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 42.2 | 99.9 | 14863.6 | 125.0 | -57.0 | -69.9 | 242.8 | 16.3 | 14.5 | 7.4 | 391.7 | 319.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 46.3 | 99.9 | 16267.3 | 100.0 | -58.6 | -69.9 | 256.8 | 13.1 | 12.8 | 3.0 | 412.5 | 319.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 51.4 | 99.9 | 18050.8 | 75.0 | -62.7 | -69.9 | 245.0 | 8.7 | 7.9 | 3.6 | 441.5 | 319.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 58.3 | 99.9 | 20561.7 | 50.0 | -60.3 | -69.9 | 285.2 | 1.3 | 1.3 | -0.3 | 501.4 | 319.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 68.8 | 99.9 | 24949.6 | 25.0 | -53.4 | -69.9 | 82.5 | 2.1 | -2.0 | -0.3 | 631.3 | 319.9 | 99.9 | 999.9 | 999.9 | 999.9 |

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 349
 MONETT, MISSOURI
 24 APRIL 1982
 1100 GMT

0 10.

DATA INTERPOLATED FROM NWS SIGNIFICANT LEVEL DATA

| TIME MIN | ONCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 99.9 | 438.0 | 969.5 | 6.1 | -1.8 | 160.0 | 2.6 | -0.9 | 2.4 | 281.7 | 290.9 | 3.5 | 56.8 | 999.9 | 999 |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999 |
| 0.7 | 99.9 | 606.1 | 950.0 | 10.4 | -4.3 | 200.3 | 7.7 | 2.7 | 7.3 | 287.7 | 295.8 | 2.9 | 35.3 | 999.9 | 999 |
| 1.4 | 99.9 | 827.8 | 925.0 | 9.6 | -6.7 | 209.5 | 10.5 | 5.2 | 8.1 | 289.1 | 296.1 | 2.5 | 30.9 | 999.9 | 999 |
| 2.2 | 99.9 | 1054.4 | 900.0 | 7.9 | -7.1 | 216.7 | 10.1 | 6.0 | 7.1 | 289.7 | 296.6 | 2.5 | 33.5 | 999.9 | 999 |
| 3.0 | 99.9 | 1285.9 | 875.0 | 6.2 | -7.6 | 219.9 | 9.3 | 6.0 | 7.1 | 290.2 | 297.2 | 2.5 | 36.5 | 999.9 | 999 |
| 3.8 | 99.9 | 1522.7 | 850.0 | 4.4 | -8.0 | 218.5 | 8.0 | 5.0 | 6.3 | 290.8 | 297.7 | 2.5 | 40.0 | 999.9 | 999 |
| 4.6 | 99.9 | 1764.9 | 825.0 | 2.4 | -7.2 | 215.2 | 6.4 | 3.4 | 5.2 | 291.2 | 298.8 | 2.0 | 48.9 | 999.9 | 999 |
| 5.5 | 99.9 | 2012.8 | 800.0 | 0.4 | -6.4 | 219.0 | 5.4 | 3.4 | 4.2 | 291.5 | 299.8 | 1.8 | 60.4 | 999.9 | 999 |
| 6.3 | 99.9 | 2267.4 | 775.0 | 1.7 | -12.9 | 228.7 | 5.4 | 4.1 | 3.6 | 291.6 | 301.0 | 1.8 | 62.1 | 999.9 | 999 |
| 7.1 | 99.9 | 2531.8 | 750.0 | 1.1 | -5.3 | 233.7 | 6.2 | 5.0 | 3.7 | 297.8 | 307.6 | 1.4 | 62.1 | 999.9 | 999 |
| 8.0 | 99.9 | 2804.1 | 725.0 | 0.1 | -20.1 | 220.6 | 6.7 | 4.3 | 5.1 | 299.6 | 307.6 | 1.1 | 62.1 | 999.9 | 999 |
| 8.9 | 99.9 | 3084.6 | 700.0 | -0.8 | -30.8 | 217.2 | 8.1 | 4.9 | 6.4 | 301.6 | 307.6 | 0.4 | 62.1 | 999.9 | 999 |
| 9.8 | 99.9 | 3374.4 | 675.0 | -2.0 | -8.2 | 221.2 | 8.2 | 5.4 | 6.2 | 303.5 | 307.6 | 2.1 | 62.1 | 999.9 | 999 |
| 10.8 | 99.9 | 3674.2 | 650.0 | -3.3 | -9.3 | 216.8 | 6.6 | 4.0 | 5.3 | 305.2 | 313.9 | 2.9 | 63.1 | 999.9 | 999 |
| 11.8 | 99.9 | 3983.6 | 625.0 | -5.4 | -10.4 | 205.1 | 6.2 | 3.5 | 5.6 | 306.2 | 313.5 | 2.8 | 68.1 | 999.9 | 999 |
| 13.0 | 99.9 | 4303.0 | 600.0 | -7.0 | -16.4 | 204.0 | 8.7 | 3.5 | 8.0 | 308.0 | 313.5 | 1.8 | 47.1 | 999.9 | 999 |
| 14.0 | 99.9 | 4634.0 | 575.0 | -8.9 | -25.8 | 209.3 | 9.7 | 4.8 | 8.5 | 309.6 | 312.2 | 0.8 | 23.9 | 999.9 | 999 |
| 15.2 | 99.9 | 4977.1 | 550.0 | -10.4 | -38.3 | 220.8 | 8.6 | 5.7 | 6.6 | 311.8 | 312.2 | 0.2 | 7.9 | 999.9 | 999 |
| 16.4 | 99.9 | 5333.5 | 525.0 | -13.0 | -43.0 | 228.7 | 7.6 | 6.4 | 5.2 | 312.9 | 313.4 | 0.2 | 6.0 | 999.9 | 999 |
| 17.6 | 99.9 | 5703.3 | 500.0 | -15.9 | -45.9 | 226.6 | 6.3 | 5.5 | 5.2 | 313.7 | 314.1 | 0.1 | 5.5 | 999.9 | 999 |
| 18.9 | 99.9 | 6088.2 | 475.0 | -18.2 | -46.2 | 225.7 | 9.9 | 4.5 | 4.4 | 315.5 | 315.9 | 0.1 | 13.7 | 999.9 | 999 |
| 20.3 | 99.9 | 6489.7 | 450.0 | -21.1 | -41.7 | 235.7 | 11.5 | 9.5 | 6.5 | 317.7 | 317.7 | 0.3 | 12.7 | 999.9 | 999 |
| 21.7 | 99.9 | 6909.1 | 425.0 | -24.4 | -39.6 | 235.7 | 12.0 | 9.4 | 7.5 | 317.7 | 318.7 | 0.3 | 22.9 | 999.9 | 999 |
| 23.1 | 99.9 | 7347.5 | 400.0 | -28.2 | -40.4 | 231.6 | 15.3 | 11.4 | 10.2 | 318.4 | 319.3 | 0.3 | 23.7 | 999.9 | 999 |
| 24.7 | 99.9 | 7806.3 | 375.0 | -32.8 | -41.0 | 228.0 | 16.0 | 13.0 | 9.4 | 320.0 | 321.2 | 0.3 | 43.3 | 999.9 | 999 |
| 26.4 | 99.9 | 8288.6 | 350.0 | -36.1 | -39.7 | 234.1 | 13.9 | 12.6 | 5.9 | 321.6 | 321.2 | 0.3 | 69.4 | 999.9 | 999 |
| 28.1 | 99.9 | 8799.1 | 325.0 | -40.0 | 99.9 | 245.1 | 13.9 | 12.5 | 6.0 | 322.4 | 322.4 | 0.3 | 99.9 | 999.9 | 999 |
| 29.9 | 99.9 | 9340.3 | 300.0 | -44.7 | 99.9 | 244.2 | 13.8 | 11.5 | 7.6 | 323.2 | 323.2 | 0.3 | 99.9 | 999.9 | 999 |
| 31.8 | 99.9 | 9916.1 | 275.0 | -49.7 | 99.9 | 236.6 | 14.9 | 12.1 | 8.8 | 324.0 | 324.0 | 0.3 | 99.9 | 999.9 | 999 |
| 33.9 | 99.9 | 10532.3 | 250.0 | -55.2 | 99.9 | 233.9 | 21.1 | 19.8 | 8.8 | 324.0 | 324.0 | 0.3 | 99.9 | 999.9 | 999 |
| 36.1 | 99.9 | 11999.2 | 225.0 | -57.7 | 99.9 | 249.8 | 21.1 | 19.8 | 7.3 | 330.1 | 330.1 | 0.3 | 99.9 | 999.9 | 999 |
| 38.4 | 99.9 | 13945.3 | 200.0 | -59.9 | 99.9 | 251.0 | 20.1 | 19.0 | 6.5 | 341.1 | 341.1 | 0.3 | 99.9 | 999.9 | 999 |
| 41.0 | 99.9 | 15782.5 | 175.0 | -59.9 | 99.9 | 246.1 | 23.7 | 21.7 | 9.6 | 351.7 | 351.7 | 0.3 | 99.9 | 999.9 | 999 |
| 43.9 | 99.9 | 17500.7 | 150.0 | -57.9 | 99.9 | 254.8 | 24.7 | 23.8 | 6.5 | 370.3 | 370.3 | 0.3 | 99.9 | 999.9 | 999 |
| 47.5 | 99.9 | 19000.4 | 125.0 | -57.9 | 99.9 | 262.0 | 19.0 | 18.9 | 2.7 | 390.2 | 390.2 | 0.3 | 99.9 | 999.9 | 999 |
| 51.9 | 99.9 | 20302.5 | 100.0 | -59.9 | 99.9 | 273.7 | 17.7 | 17.6 | -1.1 | 412.0 | 412.0 | 0.3 | 99.9 | 999.9 | 999 |
| 57.4 | 99.9 | 21891.5 | 75.0 | -61.8 | 99.9 | 270.2 | 14.4 | 14.4 | -0.1 | 443.3 | 443.3 | 0.3 | 99.9 | 999.9 | 999 |
| 64.7 | 99.9 | 23619.8 | 50.0 | -57.7 | 99.9 | 316.7 | 3.9 | 2.7 | -2.8 | 507.5 | 507.5 | 0.3 | 99.9 | 999.9 | 999 |
| 75.4 | 99.9 | 25039.1 | 25.0 | -53.4 | 99.9 | 28.6 | 1.2 | -0.6 | -1.0 | 631.0 | 631.0 | 0.3 | 99.9 | 999.9 | 999 |

ORIGINAL PAGE IS
 OF POOR QUALITY

STATION NO. 349
 MONETT, MISSOURI
 24 APRIL 1982
 2300 GMT

DATA INTERPOLATED FROM NWS SIGNIFICANT LEVEL DATA

0 11.

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0 | 99.9 | 438.0 | 964.8 | 14.6 | 2.1 | 180.0 | 3.1 | -0.0 | 3.1 | 290.7 | 303.3 | 4.6 | 42.8 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 0.1 | 99.9 | 568.4 | 950.0 | 13.6 | -3.8 | 99.9 | 5.5 | -0.6 | 5.4 | 291.0 | 299.5 | 3.0 | 29.5 | 999.9 | 999.9 |
| 1.0 | 99.9 | 792.0 | 925.0 | 11.6 | -4.8 | 174.1 | 9.2 | -1.5 | 9.0 | 291.2 | 299.2 | 2.9 | 31.3 | 999.9 | 999.9 |
| 2.0 | 99.9 | 1020.0 | 900.0 | 9.5 | -5.8 | 167.0 | 8.8 | -2.0 | 8.5 | 291.3 | 299.0 | 2.8 | 33.4 | 999.9 | 999.9 |
| 3.7 | 99.9 | 1252.7 | 875.0 | 7.3 | -6.8 | 167.9 | 9.6 | -2.0 | 9.4 | 291.4 | 298.8 | 2.6 | 35.7 | 999.9 | 999.9 |
| 4.4 | 99.9 | 1490.3 | 850.0 | 5.1 | -7.9 | 165.8 | 10.5 | -2.6 | 10.2 | 291.5 | 298.5 | 2.5 | 38.4 | 999.9 | 999.9 |
| 5.3 | 99.9 | 1733.5 | 825.0 | 4.0 | -7.9 | 165.8 | 11.0 | -2.3 | 10.8 | 292.9 | 298.5 | 1.9 | 31.4 | 999.9 | 999.9 |
| 6.0 | 99.9 | 1983.3 | 800.0 | 3.7 | -3.0 | 177.0 | 11.2 | -0.6 | 11.2 | 292.9 | 298.5 | 3.8 | 61.4 | 999.9 | 999.9 |
| 6.9 | 99.9 | 2241.8 | 775.0 | 3.6 | 2.3 | 182.3 | 11.3 | 2.4 | 11.0 | 293.7 | 303.8 | 5.9 | 91.4 | 999.9 | 999.9 |
| 7.7 | 99.9 | 2508.1 | 750.0 | 2.7 | 9.7 | 198.0 | 10.9 | 3.4 | 10.3 | 299.5 | 314.5 | 5.4 | 86.7 | 999.9 | 999.9 |
| 8.6 | 99.9 | 2781.9 | 725.0 | 0.7 | -0.9 | 194.0 | 10.4 | 2.5 | 10.1 | 300.2 | 314.1 | 5.0 | 89.2 | 999.9 | 999.9 |
| 9.5 | 99.9 | 3063.0 | 700.0 | -1.6 | -2.5 | 192.0 | 9.4 | 1.9 | 9.2 | 300.7 | 313.6 | 4.6 | 93.6 | 999.9 | 999.9 |
| 10.5 | 99.9 | 3352.3 | 675.0 | -2.9 | -3.8 | 198.1 | 8.4 | 2.6 | 8.0 | 302.4 | 314.7 | 4.3 | 93.8 | 999.9 | 999.9 |
| 11.5 | 99.9 | 3651.0 | 650.0 | -4.3 | -5.1 | 210.8 | 9.7 | 5.0 | 8.3 | 304.1 | 315.7 | 4.0 | 94.1 | 999.9 | 999.9 |
| 12.5 | 99.9 | 3959.8 | 625.0 | -5.8 | -6.5 | 220.1 | 11.8 | 7.6 | 9.0 | 305.9 | 316.9 | 3.8 | 94.3 | 999.9 | 999.9 |
| 13.6 | 99.9 | 4279.3 | 600.0 | -7.3 | -8.0 | 225.0 | 11.3 | 8.0 | 8.0 | 307.7 | 318.1 | 3.5 | 94.6 | 999.9 | 999.9 |
| 14.8 | 99.9 | 4610.1 | 575.0 | -9.4 | -10.5 | 230.3 | 9.8 | 6.4 | 7.6 | 309.0 | 319.0 | 3.0 | 92.1 | 999.9 | 999.9 |
| 15.9 | 99.9 | 4952.5 | 550.0 | -11.8 | -13.3 | 234.5 | 12.7 | 7.2 | 10.5 | 310.1 | 317.7 | 2.5 | 86.8 | 999.9 | 999.9 |
| 17.1 | 99.9 | 5307.3 | 525.0 | -14.6 | -15.3 | 245.9 | 12.7 | 8.7 | 12.0 | 310.9 | 315.8 | 1.6 | 87.5 | 999.9 | 999.9 |
| 18.4 | 99.9 | 5674.8 | 500.0 | -17.4 | -19.2 | 214.4 | 12.8 | 7.2 | 10.5 | 311.8 | 315.0 | 1.0 | 50.4 | 999.9 | 999.9 |
| 19.9 | 99.9 | 6057.6 | 475.0 | -20.2 | -26.4 | 208.9 | 11.8 | 5.7 | 10.4 | 312.9 | 316.0 | 0.9 | 57.4 | 999.9 | 999.9 |
| 21.3 | 99.9 | 6455.4 | 450.0 | -23.5 | -33.5 | 215.6 | 15.2 | 8.8 | 12.3 | 313.7 | 315.3 | 0.1 | 4.4 | 999.9 | 999.9 |
| 22.4 | 99.9 | 6871.0 | 425.0 | -26.3 | -38.3 | 213.5 | 18.9 | 10.8 | 13.5 | 315.3 | 315.4 | 0.0 | 4.0 | 999.9 | 999.9 |
| 24.4 | 99.9 | 7306.7 | 400.0 | -29.3 | -59.3 | 213.5 | 14.4 | 8.0 | 12.0 | 316.9 | 317.0 | 0.0 | 3.6 | 999.9 | 999.9 |
| 26.0 | 99.9 | 7734.5 | 375.0 | -32.6 | -62.6 | 207.9 | 21.7 | 9.9 | 19.3 | 318.5 | 318.6 | 0.0 | 3.2 | 999.9 | 999.9 |
| 27.8 | 99.9 | 8247.1 | 350.0 | -36.1 | -66.1 | 200.9 | 26.3 | 9.9 | 24.6 | 320.1 | 320.1 | 0.0 | 2.8 | 999.9 | 999.9 |
| 29.6 | 99.9 | 8757.6 | 325.0 | -40.0 | -69.9 | 197.2 | 29.4 | 8.7 | 28.1 | 321.6 | 321.6 | 0.0 | 2.8 | 999.9 | 999.9 |
| 31.4 | 99.9 | 9278.3 | 300.0 | -44.3 | -99.9 | 197.0 | 31.2 | 9.1 | 29.8 | 322.9 | 322.9 | 0.0 | 2.8 | 999.9 | 999.9 |
| 33.5 | 99.9 | 10494.7 | 275.0 | -49.2 | -99.9 | 196.0 | 30.5 | 8.4 | 29.3 | 324.0 | 324.0 | 0.0 | 2.8 | 999.9 | 999.9 |
| 35.7 | 99.9 | 11157.8 | 250.0 | -53.7 | -99.9 | 202.2 | 26.9 | 10.2 | 24.9 | 326.2 | 326.2 | 0.0 | 2.8 | 999.9 | 999.9 |
| 38.3 | 99.9 | 11911.7 | 225.0 | -56.4 | -99.9 | 215.8 | 18.1 | 10.6 | 14.7 | 332.1 | 332.1 | 0.0 | 2.8 | 999.9 | 999.9 |
| 41.0 | 99.9 | 12762.4 | 200.0 | -56.0 | -99.9 | 229.3 | 18.9 | 14.3 | 12.3 | 344.1 | 344.1 | 0.0 | 2.8 | 999.9 | 999.9 |
| 44.2 | 99.9 | 13747.5 | 175.0 | -55.4 | -99.9 | 247.0 | 20.1 | 18.5 | 17.8 | 358.6 | 358.6 | 0.0 | 2.8 | 999.9 | 999.9 |
| 47.9 | 99.9 | 14909.2 | 150.0 | -54.6 | -99.9 | 264.4 | 18.5 | 15.8 | 10.5 | 376.0 | 376.0 | 0.0 | 2.8 | 999.9 | 999.9 |
| 52.4 | 99.9 | 16315.9 | 125.0 | -56.7 | -99.9 | 250.0 | 22.1 | 20.8 | 7.4 | 393.4 | 393.4 | 0.0 | 2.8 | 999.9 | 999.9 |
| 58.1 | 99.9 | 18113.4 | 100.0 | -59.2 | -99.9 | 250.0 | 18.0 | 17.4 | 4.7 | 413.4 | 413.4 | 0.0 | 2.8 | 999.9 | 999.9 |
| 65.3 | 99.9 | 20646.1 | 75.0 | -60.5 | -99.9 | 282.7 | 11.2 | 10.9 | -2.5 | 502.2 | 502.2 | 0.0 | 2.8 | 999.9 | 999.9 |
| 77.2 | 99.9 | 25056.2 | 25.0 | -53.3 | -99.9 | 15.0 | 2.7 | -0.7 | -2.6 | 631.3 | 631.3 | 0.0 | 2.8 | 999.9 | 999.9 |

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ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO: 349
MONETT, MISSOURI
25 APRIL 1982
1100 GMT

DATA INTERPOLATED FROM NWS SIGNIFICANT LEVEL DATA

0 9

| TIME MIN | ONTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RIO CM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 99.9 | 438.0 | 960.4 | 11.2 | 8.1 | 130.0 | 3.1 | -2.4 | 2.0 | 287.7 | 306.2 | 7.1 | 81.2 | 999.9 | 999 |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999 |
| 0.4 | 99.9 | 529.0 | 950.0 | 10.8 | 7.4 | 157.5 | 4.9 | -1.9 | 4.5 | 288.2 | 306.1 | 6.8 | 79.0 | 999.9 | 999 |
| 1.1 | 99.9 | 751.1 | 925.0 | 8.2 | 7.7 | 175.3 | 8.6 | -0.7 | 8.6 | 288.7 | 307.5 | 7.2 | 90.5 | 999.9 | 999 |
| 1.9 | 99.9 | 978.3 | 900.0 | 8.3 | 7.0 | 192.1 | 13.6 | 2.5 | 11.9 | 290.1 | 309.2 | 7.2 | 94.2 | 999.9 | 999 |
| 2.7 | 99.9 | 1211.3 | 875.0 | 7.8 | 6.5 | 200.0 | 13.6 | 4.7 | 12.8 | 293.8 | 313.1 | 7.2 | 94.4 | 999.9 | 999 |
| 3.5 | 99.9 | 1450.7 | 850.0 | 7.3 | 6.5 | 200.0 | 13.6 | 4.7 | 12.8 | 293.8 | 313.1 | 7.2 | 94.4 | 999.9 | 999 |
| 4.3 | 99.9 | 1696.4 | 825.0 | 6.0 | 5.1 | 198.5 | 10.1 | 3.8 | 11.5 | 294.9 | 313.1 | 6.3 | 94.1 | 999.9 | 999 |
| 5.2 | 99.9 | 1948.4 | 800.0 | 4.6 | 3.7 | 194.0 | 10.1 | 2.4 | 9.8 | 296.1 | 313.3 | 5.8 | 93.5 | 999.9 | 999 |
| 6.1 | 99.9 | 2207.0 | 775.0 | 3.2 | 2.2 | 190.0 | 9.3 | 1.6 | 9.1 | 297.3 | 313.3 | 5.3 | 92.9 | 999.9 | 999 |
| 7.1 | 99.9 | 2472.6 | 750.0 | 1.6 | 0.5 | 189.9 | 9.3 | 1.6 | 9.2 | 298.4 | 313.2 | 4.7 | 92.2 | 999.9 | 999 |
| 8.1 | 99.9 | 2745.2 | 725.0 | -0.6 | -1.7 | 189.2 | 10.4 | 2.4 | 10.2 | 298.8 | 311.9 | 4.1 | 92.1 | 999.9 | 999 |
| 9.1 | 99.9 | 3024.9 | 700.0 | -2.9 | -4.0 | 193.1 | 10.4 | 2.4 | 10.1 | 298.8 | 303.1 | 1.4 | 39.7 | 999.9 | 999 |
| 10.1 | 99.9 | 3311.5 | 675.0 | -6.1 | -17.6 | 205.3 | 11.7 | 6.0 | 12.7 | 300.5 | 303.3 | 0.9 | 35.9 | 999.9 | 999 |
| 11.3 | 99.9 | 3605.9 | 650.0 | -7.5 | -23.6 | 205.3 | 14.0 | 7.6 | 13.0 | 303.2 | 307.3 | 1.1 | 32.0 | 999.9 | 999 |
| 12.4 | 99.9 | 3911.4 | 625.0 | -9.1 | -21.3 | 210.2 | 15.0 | 8.3 | 13.9 | 305.6 | 308.1 | 0.8 | 24.0 | 999.9 | 999 |
| 13.5 | 99.9 | 4228.3 | 600.0 | -11.1 | -25.8 | 210.9 | 16.2 | 8.7 | 12.3 | 307.1 | 309.3 | 0.7 | 24.0 | 999.9 | 999 |
| 14.7 | 99.9 | 4556.4 | 575.0 | -13.4 | -27.6 | 215.2 | 15.0 | 10.4 | 10.0 | 308.2 | 309.7 | 0.5 | 18.5 | 999.9 | 999 |
| 15.9 | 99.9 | 4896.4 | 550.0 | -16.3 | -32.3 | 226.2 | 17.2 | 12.6 | 11.7 | 308.8 | 309.6 | 0.2 | 10.1 | 999.9 | 999 |
| 17.2 | 99.9 | 5248.4 | 525.0 | -19.3 | -40.6 | 227.2 | 18.3 | 13.4 | 12.5 | 309.5 | 309.8 | 0.1 | 5.0 | 999.9 | 999 |
| 18.6 | 99.9 | 5613.4 | 500.0 | -22.4 | -49.3 | 226.8 | 18.5 | 12.7 | 13.5 | 310.3 | 310.6 | 0.1 | 8.2 | 999.9 | 999 |
| 20.0 | 99.9 | 5992.5 | 475.0 | -25.7 | -47.4 | 223.1 | 16.9 | 11.9 | 12.0 | 311.0 | 311.5 | 0.2 | 13.8 | 999.9 | 999 |
| 21.4 | 99.9 | 6387.0 | 450.0 | -29.1 | -45.3 | 224.8 | 16.4 | 11.4 | 11.8 | 311.7 | 312.4 | 0.2 | 24.2 | 999.9 | 999 |
| 22.9 | 99.9 | 6798.5 | 425.0 | -32.1 | -43.1 | 224.8 | 14.0 | 9.3 | 10.5 | 313.5 | 314.2 | 0.1 | 29.1 | 999.9 | 999 |
| 24.4 | 99.9 | 7223.2 | 400.0 | -35.9 | -43.9 | 221.7 | 8.1 | 5.2 | 6.2 | 314.3 | 314.8 | 99.9 | 99.9 | 999.9 | 999 |
| 26.1 | 99.9 | 7681.7 | 375.0 | -39.8 | -46.6 | 220.1 | 8.6 | 6.0 | 6.1 | 315.0 | 315.9 | 99.9 | 99.9 | 999.9 | 999 |
| 27.9 | 99.9 | 8157.3 | 350.0 | -43.9 | -49.9 | 224.9 | 9.4 | 7.0 | 6.1 | 315.8 | 316.9 | 99.9 | 99.9 | 999.9 | 999 |
| 29.7 | 99.9 | 8659.0 | 325.0 | -47.2 | -53.9 | 227.9 | 13.4 | 6.4 | 11.7 | 316.9 | 319.9 | 99.9 | 99.9 | 999.9 | 999 |
| 31.7 | 99.9 | 9190.6 | 300.0 | -50.5 | -57.9 | 228.7 | 23.9 | 17.9 | 15.9 | 322.1 | 322.1 | 99.9 | 99.9 | 999.9 | 999 |
| 33.8 | 99.9 | 9759.2 | 275.0 | -53.1 | -60.5 | 228.3 | 23.9 | 15.3 | 13.2 | 330.1 | 329.9 | 99.9 | 99.9 | 999.9 | 999 |
| 35.1 | 99.9 | 10381.8 | 250.0 | -55.9 | -63.9 | 229.4 | 22.9 | 16.2 | 16.2 | 335.9 | 335.9 | 99.9 | 99.9 | 999.9 | 999 |
| 36.4 | 99.9 | 11062.8 | 225.0 | -58.1 | -66.9 | 225.0 | 16.5 | 12.9 | 13.3 | 347.1 | 347.1 | 99.9 | 99.9 | 999.9 | 999 |
| 38.4 | 99.9 | 11821.4 | 200.0 | -61.1 | -69.9 | 224.2 | 15.0 | 13.0 | 9.2 | 355.5 | 355.5 | 99.9 | 99.9 | 999.9 | 999 |
| 41.3 | 99.9 | 12685.6 | 175.0 | -64.2 | -73.9 | 234.5 | 14.7 | 12.0 | 7.0 | 365.5 | 365.5 | 99.9 | 99.9 | 999.9 | 999 |
| 47.9 | 99.9 | 13682.1 | 150.0 | -67.2 | -76.9 | 241.3 | 14.7 | 12.9 | 7.0 | 380.1 | 380.1 | 99.9 | 99.9 | 999.9 | 999 |
| 51.9 | 99.9 | 14854.6 | 125.0 | -70.7 | -80.9 | 242.3 | 14.7 | 14.1 | 7.2 | 395.4 | 395.4 | 99.9 | 99.9 | 999.9 | 999 |
| 56.8 | 99.9 | 16271.0 | 100.0 | -75.7 | -85.9 | 250.0 | 14.7 | 13.7 | 2.8 | 416.3 | 416.3 | 99.9 | 99.9 | 999.9 | 999 |
| 62.6 | 99.9 | 18077.7 | 75.0 | -80.8 | -90.9 | 258.0 | 14.7 | 7.6 | 1.2 | 447.6 | 447.6 | 99.9 | 99.9 | 999.9 | 999 |
| 70.4 | 99.9 | 20607.3 | 50.0 | -87.2 | -97.9 | 237.5 | 2.2 | 1.8 | -1.2 | 508.7 | 508.7 | 99.9 | 99.9 | 999.9 | 999 |
| 82.1 | 99.9 | 25053.7 | 25.0 | -91.2 | -99.9 | 60.9 | 2.1 | -1.8 | -1.4 | 637.6 | 637.6 | 99.9 | 99.9 | 999.9 | 999 |

STATION NO. 353
OKLAHOMA CITY, OKLAHOMA
24 APRIL 1982
1115 GMT

DATA INTERPOLATED FROM NWS SIGNIFICANT LEVEL DATA

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO CM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 99.9 | 392.0 | 971.6 | 10.0 | 1.1 | 150.0 | 3.6 | -1.8 | 3.1 | 285.5 | 296.9 | 4.3 | 53.9 | 999.9 | 999.9 |
| 0.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 0.6 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 1.4 | 99.9 | 579.0 | 950.0 | 10.6 | -1.5 | 183.2 | 8.5 | 0.5 | 8.5 | 288.0 | 297.8 | 3.6 | 42.9 | 999.9 | 999.9 |
| 2.2 | 99.9 | 801.5 | 925.0 | 10.8 | -1.7 | 192.4 | 12.2 | 2.6 | 11.9 | 290.0 | 300.0 | 3.6 | 42.5 | 999.9 | 999.9 |
| 3.1 | 99.9 | 1028.9 | 900.0 | 8.8 | -1.9 | 198.3 | 12.2 | 4.0 | 12.1 | 290.6 | 300.7 | 3.7 | 46.8 | 999.9 | 999.9 |
| 3.9 | 99.9 | 1261.4 | 875.0 | 7.1 | -2.1 | 203.4 | 12.2 | 4.9 | 11.2 | 291.2 | 301.5 | 3.7 | 51.8 | 999.9 | 999.9 |
| 4.8 | 99.9 | 1499.1 | 850.0 | 5.0 | -0.7 | 210.9 | 10.5 | 5.4 | 9.0 | 291.4 | 303.1 | 4.3 | 66.5 | 999.9 | 999.9 |
| 5.7 | 99.9 | 1742.3 | 825.0 | 3.5 | 0.8 | 216.9 | 9.9 | 5.9 | 7.9 | 292.3 | 305.7 | 4.9 | 82.4 | 999.9 | 999.9 |
| 6.7 | 99.9 | 1992.1 | 800.0 | 4.8 | 4.2 | 218.8 | 10.9 | 6.8 | 8.5 | 296.0 | 313.6 | 6.5 | 97.7 | 999.9 | 999.9 |
| 7.7 | 99.9 | 2252.2 | 775.0 | 4.8 | 4.1 | 224.6 | 12.3 | 8.7 | 8.8 | 299.0 | 317.4 | 6.7 | 95.2 | 999.9 | 999.9 |
| 8.7 | 99.9 | 2519.5 | 750.0 | 3.3 | 2.0 | 231.0 | 12.3 | 10.0 | 8.1 | 300.2 | 318.6 | 5.9 | 90.3 | 999.9 | 999.9 |
| 9.6 | 99.9 | 2794.2 | 725.0 | 1.7 | -0.3 | 225.8 | 9.5 | 7.9 | 7.7 | 301.4 | 316.0 | 5.2 | 86.5 | 999.9 | 999.9 |
| 10.6 | 99.9 | 3076.8 | 700.0 | 0.3 | -3.5 | 208.8 | 9.5 | 4.6 | 8.3 | 302.8 | 315.0 | 4.2 | 75.6 | 999.9 | 999.9 |
| 11.8 | 99.9 | 3368.8 | 675.0 | -0.5 | -9.7 | 189.1 | 9.8 | 1.0 | 9.7 | 305.1 | 313.2 | 2.7 | 58.6 | 999.9 | 999.9 |
| 12.9 | 99.9 | 3668.8 | 650.0 | -3.1 | -10.1 | 184.8 | 11.5 | 0.4 | 11.4 | 305.4 | 313.5 | 2.7 | 69.5 | 999.9 | 999.9 |
| 14.1 | 99.9 | 3977.9 | 625.0 | -5.9 | -10.5 | 182.2 | 11.4 | -0.8 | 11.4 | 305.7 | 313.9 | 2.7 | 83.5 | 999.9 | 999.9 |
| 15.3 | 99.9 | 4296.3 | 600.0 | -8.7 | -11.0 | 174.9 | 9.5 | 0.9 | 9.5 | 306.0 | 314.2 | 2.6 | 89.6 | 999.9 | 999.9 |
| 16.5 | 99.9 | 4625.0 | 575.0 | -10.7 | -12.1 | 166.1 | 8.8 | 0.9 | 8.8 | 307.4 | 315.3 | 2.4 | 89.6 | 999.9 | 999.9 |
| 17.7 | 99.9 | 4966.2 | 550.0 | -14.2 | -13.6 | 201.0 | 11.9 | 4.3 | 11.1 | 309.6 | 317.0 | 2.0 | 84.5 | 999.9 | 999.9 |
| 18.9 | 99.9 | 5320.9 | 525.0 | -14.3 | -16.3 | 208.7 | 14.9 | 7.2 | 13.1 | 311.2 | 317.5 | 2.0 | 84.5 | 999.9 | 999.9 |
| 20.2 | 99.9 | 5689.5 | 500.0 | -16.8 | -20.0 | 206.4 | 15.9 | 7.1 | 14.2 | 312.6 | 317.5 | 1.6 | 76.1 | 999.9 | 999.9 |
| 21.7 | 99.9 | 6073.3 | 475.0 | -19.0 | -23.3 | 203.0 | 17.5 | 6.8 | 16.1 | 314.4 | 318.4 | 1.2 | 68.8 | 999.9 | 999.9 |
| 23.3 | 99.9 | 6474.1 | 450.0 | -21.5 | -26.7 | 203.0 | 16.8 | 6.6 | 15.5 | 316.2 | 319.6 | 0.9 | 61.6 | 999.9 | 999.9 |
| 25.0 | 99.9 | 6892.8 | 425.0 | -24.9 | -30.1 | 202.7 | 16.6 | 6.4 | 15.3 | 317.1 | 319.6 | 0.7 | 61.6 | 999.9 | 999.9 |
| 26.5 | 99.9 | 7330.7 | 400.0 | -28.4 | -33.6 | 201.0 | 18.5 | 6.6 | 17.3 | 318.1 | 320.2 | 0.4 | 60.6 | 999.9 | 999.9 |
| 28.2 | 99.9 | 7789.9 | 375.0 | -32.3 | -37.9 | 201.6 | 17.8 | 6.5 | 16.5 | 318.9 | 320.2 | 0.4 | 57.1 | 999.9 | 999.9 |
| 29.9 | 99.9 | 8272.5 | 350.0 | -36.5 | -42.5 | 205.6 | 20.1 | 8.7 | 18.1 | 319.6 | 320.5 | 0.3 | 53.2 | 999.9 | 999.9 |
| 31.7 | 99.9 | 8781.4 | 325.0 | -41.2 | 99.9 | 210.7 | 20.1 | 10.3 | 17.3 | 319.9 | 320.5 | 99.9 | 999.9 | 999.9 | 999.9 |
| 33.6 | 99.9 | 9319.0 | 300.0 | -46.5 | 99.9 | 211.3 | 23.1 | 12.0 | 19.8 | 319.8 | 320.5 | 99.9 | 999.9 | 999.9 | 999.9 |
| 35.9 | 99.9 | 9890.4 | 275.0 | -51.4 | 99.9 | 212.9 | 29.3 | 15.9 | 24.6 | 320.8 | 320.5 | 99.9 | 999.9 | 999.9 | 999.9 |
| 38.6 | 99.9 | 10504.2 | 250.0 | -55.1 | 99.9 | 226.3 | 25.7 | 18.6 | 17.8 | 324.2 | 320.5 | 99.9 | 999.9 | 999.9 | 999.9 |
| 41.9 | 99.9 | 11174.5 | 225.0 | -58.8 | 99.9 | 227.3 | 23.9 | 17.5 | 16.2 | 331.5 | 320.5 | 99.9 | 999.9 | 999.9 | 999.9 |
| 45.1 | 99.9 | 11820.7 | 200.0 | -58.9 | 99.9 | 234.9 | 17.7 | 14.5 | 10.2 | 344.3 | 320.5 | 99.9 | 999.9 | 999.9 | 999.9 |
| 49.7 | 99.9 | 12769.0 | 175.0 | -58.7 | 99.9 | 231.2 | 25.6 | 20.0 | 18.1 | 356.4 | 320.5 | 99.9 | 999.9 | 999.9 | 999.9 |
| 54.5 | 99.9 | 13751.9 | 150.0 | -56.5 | 99.9 | 236.0 | 26.8 | 22.2 | 15.0 | 374.5 | 320.5 | 99.9 | 999.9 | 999.9 | 999.9 |
| 60.3 | 99.9 | 14911.7 | 125.0 | -56.9 | 99.9 | 256.8 | 24.0 | 23.3 | 5.5 | 391.9 | 320.5 | 99.9 | 999.9 | 999.9 | 999.9 |
| 67.2 | 99.9 | 16312.2 | 100.0 | -59.4 | 99.9 | 254.5 | 17.4 | 18.8 | 4.6 | 413.0 | 320.5 | 99.9 | 999.9 | 999.9 | 999.9 |
| 76.5 | 99.9 | 18100.1 | 75.0 | -62.7 | 99.9 | 245.0 | 10.2 | 9.2 | 4.3 | 441.4 | 320.5 | 99.9 | 999.9 | 999.9 | 999.9 |
| 90.9 | 99.9 | 20618.5 | 50.0 | -58.5 | 99.9 | 349.6 | 3.2 | 0.6 | -3.2 | 505.6 | 320.5 | 99.9 | 999.9 | 999.9 | 999.9 |
| | | 23036.2 | 25.0 | -52.9 | 99.9 | 76.2 | 4.0 | -3.9 | -1.0 | 622.5 | 320.5 | 99.9 | 999.9 | 999.9 | 999.9 |

STATION NO. 353
OKLAHOMA CITY, OKLAHOMA
24 APRIL 1982
2300 GMT

0 13.

DATA INTERPOLATED FROM NWS SIGNIFICANT LEVEL DATA

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP W/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 99.9 | 392.0 | 965.8 | 12.8 | 7.7 | 130.0 | 9.3 | -7.1 | 6.0 | 288.8 | 306.9 | 6.9 | 71.1 | 999.9 | 999 |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 | 999 |
| 0.4 | 99.9 | 539.3 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 | 999 |
| 1.2 | 99.9 | 752.2 | 950.0 | 10.9 | 7.9 | 144.1 | 10.1 | -5.9 | 8.2 | 288.3 | 306.8 | 7.1 | 81.4 | 999.9 | 999 |
| 1.8 | 99.9 | 978.5 | 925.0 | 8.6 | 7.4 | 159.5 | 12.1 | -4.2 | 11.3 | 288.1 | 306.4 | 7.0 | 82.3 | 999.9 | 999 |
| 2.5 | 99.9 | 1210.3 | 900.0 | 7.1 | 6.6 | 164.8 | 13.1 | -3.4 | 12.6 | 288.9 | 306.9 | 6.8 | 92.7 | 999.9 | 999 |
| 3.4 | 99.9 | 1448.7 | 875.0 | 6.1 | 5.8 | 173.9 | 14.0 | -1.5 | 13.9 | 290.1 | 307.7 | 5.6 | 97.0 | 999.9 | 999 |
| 4.2 | 99.9 | 1694.6 | 850.0 | 7.3 | 7.0 | 184.0 | 14.9 | 1.0 | 14.9 | 293.8 | 312.7 | 7.4 | 98.0 | 999.9 | 999 |
| 5.1 | 99.9 | 1940.8 | 825.0 | 6.4 | 4.4 | 187.6 | 14.3 | 1.9 | 14.2 | 295.3 | 312.5 | 6.4 | 98.4 | 999.9 | 999 |
| 6.0 | 99.9 | 2205.3 | 800.0 | 4.9 | 2.8 | 192.5 | 11.5 | 2.5 | 11.5 | 296.4 | 312.5 | 5.9 | 86.1 | 999.9 | 999 |
| 6.9 | 99.9 | 2471.9 | 775.0 | 3.6 | -8.0 | 209.2 | 11.7 | 5.6 | 10.0 | 297.9 | 305.7 | 2.7 | 41.8 | 999.9 | 999 |
| 7.8 | 99.9 | 2745.6 | 750.0 | 2.2 | -6.9 | 212.8 | 11.9 | 7.7 | 11.9 | 300.5 | 305.2 | 2.8 | 46.0 | 999.9 | 999 |
| 8.8 | 99.9 | 3029.3 | 725.0 | 0.7 | -8.2 | 211.3 | 14.2 | 8.6 | 15.2 | 303.3 | 310.2 | 2.7 | 46.3 | 999.9 | 999 |
| 9.8 | 99.9 | 3320.0 | 700.0 | -2.0 | -10.5 | 208.2 | 17.4 | 8.5 | 16.1 | 303.4 | 310.9 | 2.5 | 46.3 | 999.9 | 999 |
| 10.8 | 99.9 | 3618.6 | 650.0 | -4.8 | -11.6 | 208.0 | 18.3 | 8.9 | 16.7 | 303.5 | 310.7 | 2.4 | 52.0 | 999.9 | 999 |
| 11.9 | 99.9 | 3925.7 | 625.0 | -7.6 | -14.6 | 208.9 | 18.2 | 8.8 | 15.9 | 303.7 | 309.7 | 2.0 | 57.5 | 999.9 | 999 |
| 13.1 | 99.9 | 4241.8 | 600.0 | -10.4 | -19.2 | 215.5 | 17.1 | 9.9 | 13.9 | 304.1 | 308.3 | 1.4 | 48.2 | 999.9 | 999 |
| 14.4 | 99.9 | 4568.6 | 575.0 | -12.0 | -42.0 | 223.9 | 19.9 | 13.8 | 14.4 | 306.0 | 306.6 | 0.2 | 6.1 | 999.9 | 999 |
| 15.6 | 99.9 | 4907.2 | 550.0 | -14.3 | -44.3 | 231.9 | 20.3 | 15.9 | 12.5 | 307.1 | 307.6 | 0.1 | 5.7 | 999.9 | 999 |
| 17.0 | 99.9 | 5258.2 | 525.0 | -16.8 | -46.8 | 238.0 | 21.1 | 17.9 | 11.2 | 308.2 | 308.6 | 0.1 | 5.4 | 999.9 | 999 |
| 18.4 | 99.9 | 5622.7 | 500.0 | -19.4 | -49.4 | 237.8 | 21.2 | 17.9 | 11.3 | 308.4 | 308.7 | 0.1 | 5.0 | 999.9 | 999 |
| 19.8 | 99.9 | 6001.5 | 475.0 | -22.7 | -52.7 | 237.4 | 21.0 | 17.7 | 11.3 | 308.9 | 310.2 | 0.0 | 4.5 | 999.9 | 999 |
| 21.2 | 99.9 | 6395.5 | 450.0 | -26.1 | -56.1 | 236.2 | 21.9 | 18.2 | 12.2 | 310.4 | 310.6 | 0.0 | 4.0 | 999.9 | 999 |
| 22.8 | 99.9 | 6806.1 | 425.0 | -29.7 | -59.7 | 236.2 | 21.9 | 17.2 | 12.2 | 311.3 | 311.4 | 0.0 | 3.1 | 999.9 | 999 |
| 24.4 | 99.9 | 7234.9 | 400.0 | -33.6 | -63.6 | 236.2 | 21.9 | 18.2 | 12.2 | 312.2 | 312.2 | 0.0 | 2.7 | 999.9 | 999 |
| 26.1 | 99.9 | 7684.2 | 375.0 | -37.3 | -67.3 | 240.5 | 20.0 | 17.4 | 9.9 | 314.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999 |
| 27.9 | 99.9 | 8157.8 | 350.0 | -40.0 | -69.9 | 246.3 | 22.6 | 16.3 | 15.6 | 322.0 | 999.9 | 99.9 | 999.9 | 999.9 | 999 |
| 29.5 | 99.9 | 8662.7 | 325.0 | -39.6 | -69.9 | 217.6 | 27.7 | 16.9 | 21.9 | 325.3 | 999.9 | 99.9 | 999.9 | 999.9 | 999 |
| 31.2 | 99.9 | 9207.5 | 300.0 | -41.9 | -69.9 | 219.2 | 27.5 | 17.4 | 21.3 | 325.3 | 999.9 | 99.9 | 999.9 | 999.9 | 999 |
| 33.5 | 99.9 | 9792.4 | 275.0 | -45.5 | -69.9 | 224.1 | 27.3 | 19.0 | 19.6 | 325.3 | 999.9 | 99.9 | 999.9 | 999.9 | 999 |
| 35.9 | 99.9 | 10424.2 | 250.0 | -47.9 | -69.9 | 224.1 | 22.0 | 17.3 | 13.5 | 334.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999 |
| 38.3 | 99.9 | 11113.6 | 225.0 | -50.7 | -69.9 | 227.3 | 25.5 | 18.8 | 17.3 | 340.7 | 999.9 | 99.9 | 999.9 | 999.9 | 999 |
| 41.4 | 99.9 | 11877.7 | 200.0 | -51.7 | -69.9 | 232.6 | 24.5 | 19.4 | 14.9 | 350.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999 |
| 44.6 | 99.9 | 12746.1 | 175.0 | -52.2 | -69.9 | 248.7 | 18.4 | 17.2 | 6.7 | 363.7 | 999.9 | 99.9 | 999.9 | 999.9 | 999 |
| 48.4 | 99.9 | 13739.2 | 150.0 | -52.7 | -69.9 | 242.6 | 17.6 | 15.7 | 8.2 | 377.6 | 999.9 | 99.9 | 999.9 | 999.9 | 999 |
| 53.1 | 99.9 | 14906.1 | 125.0 | -54.0 | -69.9 | 257.9 | 17.7 | 11.6 | 3.7 | 397.2 | 999.9 | 99.9 | 999.9 | 999.9 | 999 |
| 58.4 | 99.9 | 16331.9 | 100.0 | -58.2 | -69.9 | 256.1 | 12.0 | 7.1 | -0.2 | 415.8 | 999.9 | 99.9 | 999.9 | 999.9 | 999 |
| 64.9 | 99.9 | 18133.0 | 75.0 | -60.6 | -69.9 | 271.5 | 7.1 | 3.5 | -0.9 | 445.8 | 999.9 | 99.9 | 999.9 | 999.9 | 999 |
| 74.0 | 99.9 | 20659.7 | 50.0 | -59.0 | -69.9 | 284.0 | 3.6 | -2.5 | -2.5 | 504.5 | 999.9 | 99.9 | 999.9 | 999.9 | 999 |
| 88.4 | 99.9 | 25104.6 | 25.0 | -51.1 | -69.9 | 45.0 | 3.5 | -2.5 | -2.5 | 637.8 | 999.9 | 99.9 | 999.9 | 999.9 | 999 |

ORIGINAL PAGE IS
OF POOR QUALITY

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 353
OKLAHOMA CITY, OKLAHOMA
25 APRIL 1982
1100 GMT

DATA INTERPOLATED FROM NWS SIGNIFICANT LEVEL DATA

0 10.

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DTR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX R TO GM/KG | RH PCT | RANGE NM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|------------------|-----------|-------------|----------|
| 0.0 | 99.9 | 392.0 | 960.4 | 11.1 | 8.7 | 130.0 | 5.1 | -3.9 | 3.3 | 287.6 | 306.8 | 7.4 | 85.1 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 0.4 | 99.9 | 493.0 | 950.0 | 10.8 | 10.2 | 150.0 | 12.2 | -2.6 | 6.3 | 288.2 | 309.8 | 8.3 | 96.2 | 999.9 | 999.9 |
| 1.2 | 99.9 | 705.6 | 925.0 | 9.9 | 9.5 | 169.4 | 12.3 | -2.2 | 12.1 | 289.4 | 310.6 | 8.1 | 97.3 | 999.9 | 999.9 |
| 2.1 | 99.9 | 933.4 | 900.0 | 8.9 | 8.5 | 184.3 | 14.4 | 1.1 | 14.3 | 292.0 | 311.7 | 7.8 | 97.3 | 999.9 | 999.9 |
| 3.0 | 99.9 | 1166.8 | 875.0 | 7.9 | 7.5 | 198.7 | 14.4 | 4.6 | 13.6 | 293.3 | 312.4 | 7.4 | 97.3 | 999.9 | 999.9 |
| 3.9 | 99.9 | 1406.8 | 850.0 | 6.8 | 6.4 | 207.9 | 13.5 | 6.3 | 11.9 | 293.3 | 311.7 | 7.1 | 97.3 | 999.9 | 999.9 |
| 4.8 | 99.9 | 1651.1 | 825.0 | 5.2 | 4.7 | 213.6 | 13.0 | 7.2 | 10.8 | 294.1 | 311.7 | 6.5 | 96.6 | 999.9 | 999.9 |
| 5.7 | 99.9 | 1902.2 | 800.0 | 3.7 | -0.1 | 218.9 | 12.2 | 7.6 | 9.5 | 295.1 | 308.2 | 4.8 | 96.6 | 999.9 | 999.9 |
| 6.4 | 99.9 | 2159.8 | 775.0 | 3.2 | -14.3 | 225.6 | 12.7 | 8.7 | 8.6 | 297.3 | 302.1 | 1.8 | 96.6 | 999.9 | 999.9 |
| 7.4 | 99.9 | 2425.1 | 750.0 | 2.4 | -14.1 | 231.0 | 13.7 | 10.6 | 8.6 | 299.2 | 304.3 | 1.7 | 96.6 | 999.9 | 999.9 |
| 8.4 | 99.9 | 2698.7 | 725.0 | 1.5 | -13.8 | 227.8 | 15.3 | 11.3 | 10.3 | 301.2 | 305.6 | 1.8 | 96.6 | 999.9 | 999.9 |
| 9.4 | 99.9 | 2980.9 | 700.0 | 0.7 | -13.6 | 222.2 | 16.0 | 10.7 | 11.8 | 303.3 | 309.0 | 1.9 | 96.6 | 999.9 | 999.9 |
| 10.5 | 99.9 | 3271.5 | 675.0 | -2.0 | -13.9 | 221.0 | 16.0 | 10.5 | 12.0 | 303.3 | 309.0 | 1.9 | 96.6 | 999.9 | 999.9 |
| 11.6 | 99.9 | 3570.0 | 650.0 | -4.8 | -14.2 | 220.4 | 15.6 | 10.1 | 11.9 | 303.5 | 309.4 | 2.0 | 96.6 | 999.9 | 999.9 |
| 12.7 | 99.9 | 3877.3 | 625.0 | -8.8 | -35.9 | 222.5 | 14.4 | 9.7 | 10.6 | 304.7 | 305.7 | 0.3 | 96.6 | 999.9 | 999.9 |
| 14.0 | 99.9 | 4194.4 | 600.0 | -9.2 | -30.8 | 230.8 | 12.9 | 10.0 | 8.1 | 305.5 | 307.1 | 0.5 | 96.6 | 999.9 | 999.9 |
| 15.3 | 99.9 | 4522.1 | 575.0 | -11.7 | -25.4 | 238.3 | 16.4 | 13.9 | 8.6 | 306.3 | 309.0 | 0.8 | 96.6 | 999.9 | 999.9 |
| 16.5 | 99.9 | 4861.1 | 550.0 | -14.2 | -25.5 | 238.5 | 19.5 | 18.1 | 10.2 | 307.2 | 310.0 | 0.9 | 96.6 | 999.9 | 999.9 |
| 17.7 | 99.9 | 5211.0 | 525.0 | -17.3 | -25.1 | 233.5 | 20.1 | 18.1 | 10.2 | 307.2 | 310.7 | 0.9 | 96.6 | 999.9 | 999.9 |
| 19.3 | 99.9 | 5575.2 | 500.0 | -19.7 | -36.6 | 232.6 | 19.4 | 15.1 | 11.5 | 309.0 | 310.5 | 0.3 | 96.6 | 999.9 | 999.9 |
| 20.7 | 99.9 | 5954.7 | 475.0 | -22.8 | -42.7 | 235.5 | 19.4 | 15.0 | 11.5 | 309.0 | 310.5 | 0.3 | 96.6 | 999.9 | 999.9 |
| 22.3 | 99.9 | 6348.8 | 450.0 | -26.0 | -49.1 | 235.2 | 21.3 | 17.1 | 12.8 | 309.8 | 310.5 | 0.2 | 96.6 | 999.9 | 999.9 |
| 23.9 | 99.9 | 6759.7 | 425.0 | -29.4 | -55.8 | 231.9 | 21.3 | 17.1 | 12.8 | 310.6 | 310.5 | 0.1 | 96.6 | 999.9 | 999.9 |
| 25.6 | 99.9 | 7189.4 | 400.0 | -33.0 | -63.0 | 241.2 | 17.6 | 15.4 | 10.7 | 311.4 | 311.5 | 0.0 | 96.6 | 999.9 | 999.9 |
| 27.3 | 99.9 | 7638.8 | 375.0 | -36.9 | -66.9 | 238.7 | 19.0 | 16.3 | 9.9 | 312.1 | 312.2 | 0.0 | 96.6 | 999.9 | 999.9 |
| 29.2 | 99.9 | 8113.3 | 350.0 | -40.7 | -99.9 | 235.7 | 18.4 | 15.2 | 10.3 | 313.9 | 312.9 | 0.0 | 96.6 | 999.9 | 999.9 |
| 31.2 | 99.9 | 8613.6 | 325.0 | -44.7 | -99.9 | 233.6 | 20.3 | 14.0 | 14.7 | 315.1 | 315.1 | 99.9 | 99.9 | 999.9 | 999.9 |
| 33.3 | 99.9 | 9148.8 | 300.0 | -45.6 | -99.9 | 234.2 | 20.5 | 16.6 | 12.0 | 321.1 | 315.1 | 99.9 | 99.9 | 999.9 | 999.9 |
| 35.7 | 99.9 | 9723.4 | 275.0 | -47.6 | -99.9 | 257.8 | 15.5 | 15.2 | 7.3 | 326.3 | 315.1 | 99.9 | 99.9 | 999.9 | 999.9 |
| 38.3 | 99.9 | 10351.6 | 250.0 | -48.7 | -99.9 | 256.1 | 19.4 | 17.7 | 7.9 | 328.3 | 315.1 | 99.9 | 99.9 | 999.9 | 999.9 |
| 41.1 | 99.9 | 11040.2 | 225.0 | -51.0 | -99.9 | 250.5 | 15.7 | 14.8 | 5.2 | 333.7 | 315.1 | 99.9 | 99.9 | 999.9 | 999.9 |
| 44.3 | 99.9 | 11803.2 | 200.0 | -52.9 | -99.9 | 243.6 | 15.1 | 12.7 | 8.2 | 340.3 | 315.1 | 99.9 | 99.9 | 999.9 | 999.9 |
| 47.8 | 99.9 | 12663.3 | 175.0 | -54.9 | -99.9 | 237.1 | 15.6 | 14.0 | 7.0 | 349.0 | 315.1 | 99.9 | 99.9 | 999.9 | 999.9 |
| 52.0 | 99.9 | 13664.0 | 150.0 | -51.4 | -99.9 | 267.0 | 17.5 | 17.5 | 4.9 | 362.6 | 315.1 | 99.9 | 99.9 | 999.9 | 999.9 |
| 56.9 | 99.9 | 14841.1 | 125.0 | -54.9 | -99.9 | 242.3 | 10.6 | 9.4 | 3.6 | 381.5 | 315.1 | 99.9 | 99.9 | 999.9 | 999.9 |
| 62.6 | 99.9 | 16252.9 | 100.0 | -57.6 | -99.9 | 243.3 | 14.6 | 13.1 | 6.6 | 395.6 | 315.1 | 99.9 | 99.9 | 999.9 | 999.9 |
| 69.1 | 99.9 | 18059.8 | 75.0 | -59.9 | -99.9 | 247.2 | 17.7 | 7.7 | 3.0 | 415.5 | 315.1 | 99.9 | 99.9 | 999.9 | 999.9 |
| 77.8 | 99.9 | 20590.1 | 50.0 | -59.8 | -99.9 | 247.2 | 1.1 | -1.1 | -0.3 | 447.4 | 315.1 | 99.9 | 99.9 | 999.9 | 999.9 |
| 91.2 | 99.9 | 25018.4 | 25.0 | -51.1 | -99.9 | 75.4 | 3.4 | -0.4 | -3.3 | 502.6 | 315.1 | 99.9 | 99.9 | 999.9 | 999.9 |

STATION NO. 353
AMARILLO, TEXAS

24 APRIL 1982
1105 GMT

DATA INTERPOLATED FROM NWS SIGNIFICANT LEVEL DATA

| TIME MIN | CNTOT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 99.9 | 1094.0 | 888.2 | 7.2 | 4.2 | 200.0 | 9.3 | 3.2 | 8.7 | 290.0 | 305.6 | 5.8 | 81.2 | 999.9 | 999 |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 | 999 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 | 999 |
| 99.9 | 99.9 | 99.9 | 950.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 | 999 |
| 99.9 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 | 999 |
| 99.9 | 99.9 | 99.9 | 900.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 | 999 |
| 0.4 | 99.9 | 1217.2 | 875.0 | 6.2 | 4.1 | 206.3 | 10.8 | 4.8 | 9.7 | 290.3 | 306.0 | 5.9 | 85.9 | 999.9 | 999 |
| 1.3 | 99.9 | 1454.5 | 850.0 | 4.4 | 3.8 | 214.9 | 14.1 | 8.1 | 11.5 | 290.8 | 306.6 | 5.8 | 85.9 | 999.9 | 999 |
| 2.2 | 99.9 | 1698.1 | 825.0 | 5.2 | 0.6 | 225.8 | 16.1 | 11.5 | 11.2 | 294.1 | 307.5 | 4.9 | 72.0 | 999.9 | 999 |
| 3.1 | 99.9 | 1949.9 | 800.0 | 5.1 | -1.3 | 253.7 | 14.3 | 13.7 | 4.0 | 296.6 | 308.8 | 4.4 | 63.2 | 999.9 | 999 |
| 3.9 | 99.9 | 2208.5 | 775.0 | 3.4 | -2.6 | 259.9 | 13.5 | 13.3 | 2.4 | 297.5 | 309.0 | 4.4 | 64.8 | 999.9 | 999 |
| 4.7 | 99.9 | 2473.9 | 750.0 | 1.6 | -3.9 | 253.6 | 13.3 | 12.8 | 3.8 | 298.4 | 309.2 | 3.8 | 66.6 | 999.9 | 999 |
| 5.5 | 99.9 | 2746.5 | 725.0 | -0.2 | -5.3 | 246.4 | 13.9 | 12.7 | 5.5 | 299.3 | 309.5 | 3.6 | 68.5 | 999.9 | 999 |
| 6.3 | 99.9 | 3026.7 | 700.0 | -1.7 | -8.6 | 243.8 | 14.9 | 13.3 | 6.7 | 300.6 | 308.9 | 2.9 | 59.2 | 999.9 | 999 |
| 7.2 | 99.9 | 3315.6 | 675.0 | -3.1 | -11.4 | 243.8 | 16.5 | 14.8 | 7.3 | 302.2 | 309.2 | 2.1 | 52.2 | 999.9 | 999 |
| 8.1 | 99.9 | 3613.4 | 650.0 | -5.4 | -13.6 | 242.7 | 18.6 | 16.6 | 8.5 | 305.5 | 309.1 | 1.0 | 26.2 | 999.9 | 999 |
| 9.0 | 99.9 | 3920.7 | 625.0 | -8.6 | -22.4 | 239.9 | 19.6 | 17.0 | 9.8 | 308.7 | 308.7 | 0.8 | 24.3 | 999.9 | 999 |
| 10.1 | 99.9 | 4238.6 | 600.0 | -11.3 | -25.4 | 236.8 | 21.7 | 18.1 | 11.9 | 306.1 | 308.7 | 0.6 | 22.4 | 999.9 | 999 |
| 11.2 | 99.9 | 4566.9 | 575.0 | -14.1 | -31.6 | 235.2 | 22.0 | 18.1 | 12.6 | 306.8 | 308.8 | 0.5 | 20.4 | 999.9 | 999 |
| 12.4 | 99.9 | 4908.1 | 550.0 | -17.0 | -35.3 | 234.0 | 21.9 | 17.7 | 12.9 | 307.4 | 309.0 | 0.4 | 18.5 | 999.9 | 999 |
| 13.6 | 99.9 | 5257.3 | 525.0 | -20.0 | -38.9 | 234.0 | 23.1 | 18.7 | 13.6 | 308.7 | 309.6 | 0.3 | 16.6 | 999.9 | 999 |
| 14.9 | 99.9 | 5621.3 | 500.0 | -22.3 | -40.6 | 231.4 | 25.2 | 19.7 | 15.7 | 310.3 | 311.1 | 0.2 | 17.4 | 999.9 | 999 |
| 16.2 | 99.9 | 6000.0 | 475.0 | -24.8 | -42.5 | 225.0 | 26.6 | 18.8 | 18.8 | 312.1 | 312.8 | 0.2 | 20.2 | 999.9 | 999 |
| 17.5 | 99.9 | 6395.3 | 450.0 | -27.5 | -43.4 | 218.1 | 34.2 | 21.1 | 26.9 | 313.8 | 314.5 | 0.4 | 28.7 | 999.9 | 999 |
| 19.0 | 99.9 | 6808.9 | 425.0 | -30.7 | -46.1 | 209.2 | 32.8 | 16.0 | 28.6 | 315.1 | 316.6 | 0.3 | 58.7 | 999.9 | 999 |
| 20.3 | 99.9 | 7242.4 | 400.0 | -34.7 | -49.1 | 207.7 | 32.8 | 15.7 | 29.9 | 315.7 | 316.9 | 0.3 | 63.4 | 999.9 | 999 |
| 21.9 | 99.9 | 7697.1 | 375.0 | -38.8 | -42.7 | 215.7 | 32.5 | 18.8 | 26.1 | 316.5 | 317.3 | 0.2 | 65.6 | 999.9 | 999 |
| 23.6 | 99.9 | 8174.9 | 350.0 | -40.9 | -39.9 | 217.3 | 28.5 | 17.3 | 22.6 | 320.2 | 319.9 | 99.9 | 999.9 | 999.9 | 999 |
| 25.4 | 99.9 | 8681.5 | 325.0 | -43.5 | -39.9 | 215.6 | 28.1 | 16.4 | 22.9 | 324.1 | 319.9 | 99.9 | 999.9 | 999.9 | 999 |
| 27.4 | 99.9 | 9222.9 | 300.0 | -47.4 | -39.9 | 212.3 | 25.0 | 14.1 | 21.2 | 326.6 | 319.9 | 99.9 | 999.9 | 999.9 | 999 |
| 29.5 | 99.9 | 9803.3 | 275.0 | -51.6 | -39.9 | 212.6 | 26.3 | 14.1 | 22.2 | 329.4 | 319.9 | 99.9 | 999.9 | 999.9 | 999 |
| 31.7 | 99.9 | 10427.7 | 250.0 | -53.0 | -39.9 | 240.2 | 26.4 | 22.9 | 13.1 | 339.9 | 319.9 | 99.9 | 999.9 | 999.9 | 999 |
| 34.2 | 99.9 | 11110.0 | 225.0 | -53.0 | -39.9 | 229.8 | 22.1 | 16.9 | 11.8 | 348.9 | 319.9 | 99.9 | 999.9 | 999.9 | 999 |
| 36.5 | 99.9 | 11875.0 | 200.0 | -53.0 | -39.9 | 235.6 | 20.8 | 17.2 | 11.8 | 358.0 | 319.9 | 99.9 | 999.9 | 999.9 | 999 |
| 39.5 | 99.9 | 12728.8 | 175.0 | -53.0 | -39.9 | 249.2 | 17.5 | 16.3 | 6.2 | 378.8 | 319.9 | 99.9 | 999.9 | 999.9 | 999 |
| 43.1 | 99.9 | 13719.5 | 150.0 | -53.0 | -39.9 | 270.6 | 18.6 | 13.9 | -0.2 | 394.3 | 319.9 | 99.9 | 999.9 | 999.9 | 999 |
| 47.1 | 99.9 | 14888.2 | 125.0 | -58.8 | -39.9 | 260.8 | 14.1 | 7.9 | 2.3 | 414.1 | 319.9 | 99.9 | 999.9 | 999.9 | 999 |
| 52.1 | 99.9 | 16299.7 | 100.0 | -58.8 | -39.9 | 240.0 | 9.2 | 1.9 | 4.6 | 442.9 | 319.9 | 99.9 | 999.9 | 999.9 | 999 |
| 58.1 | 99.9 | 18091.3 | 75.0 | -59.5 | -39.9 | 295.7 | 2.1 | 1.9 | -0.9 | 503.3 | 319.9 | 99.9 | 999.9 | 999.9 | 999 |
| 65.8 | 99.9 | 20602.9 | 50.0 | -59.5 | -39.9 | 295.7 | 4.1 | -3.8 | -1.5 | 633.0 | 319.9 | 99.9 | 999.9 | 999.9 | 999 |
| 77.7 | 99.9 | 25011.6 | 25.0 | -52.8 | -39.9 | 67.7 | | | | | | | | | |

ORIGINAL PAGE IS
OF POOR QUALITY

ORIGINAL PAGE 19
OF POOR QUALITY

STATION NO. 363
AMARILLO, TEXAS
24 APRIL 1982
2300 GMT

DATA INTERPOLATED FROM NWS SIGNIFICANT LEVEL DATA

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO CM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0 | 99.9 | 1094.0 | 879.8 | 20.0 | -5.0 | 270.0 | 8.2 | 8.2 | -0.0 | 304.1 | 312.9 | 3.0 | 18.0 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 950.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 900.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 0.1 | 99.9 | 1141.0 | 975.0 | 19.6 | -5.2 | 269.1 | 7.9 | 7.9 | 0.1 | 304.2 | 313.0 | 3.0 | 18.2 | 999.9 | 999.9 |
| 0.7 | 99.9 | 1389.2 | 850.0 | 17.7 | -6.0 | 263.2 | 6.4 | 6.4 | 0.8 | 304.7 | 313.2 | 2.9 | 19.3 | 999.9 | 999.9 |
| 1.4 | 99.9 | 1542.9 | 825.0 | 15.2 | -6.4 | 253.8 | 5.8 | 5.8 | 1.7 | 304.7 | 313.2 | 2.9 | 21.9 | 999.9 | 999.9 |
| 2.1 | 99.9 | 1902.2 | 800.0 | 12.7 | -6.8 | 246.2 | 6.8 | 6.2 | 2.7 | 304.7 | 313.2 | 2.9 | 25.0 | 999.9 | 999.9 |
| 3.1 | 99.9 | 2167.3 | 775.0 | 10.2 | -7.3 | 241.6 | 7.9 | 7.0 | 3.8 | 304.8 | 313.2 | 2.9 | 28.4 | 999.9 | 999.9 |
| 4.1 | 99.9 | 2438.8 | 750.0 | 7.7 | -7.7 | 252.7 | 8.8 | 9.4 | 3.7 | 304.9 | 313.2 | 2.9 | 32.4 | 999.9 | 999.9 |
| 5.2 | 99.9 | 2716.8 | 725.0 | 5.0 | -8.2 | 250.6 | 10.3 | 9.7 | 3.4 | 305.0 | 313.2 | 2.8 | 37.7 | 999.9 | 999.9 |
| 6.3 | 99.9 | 3001.8 | 700.0 | 2.3 | -8.7 | 249.0 | 10.3 | 9.6 | 3.7 | 305.0 | 313.2 | 2.8 | 43.9 | 999.9 | 999.9 |
| 7.3 | 99.9 | 3294.3 | 675.0 | -0.3 | -9.2 | 249.5 | 10.3 | 9.6 | 3.6 | 305.2 | 313.6 | 2.8 | 51.1 | 999.9 | 999.9 |
| 8.2 | 99.9 | 3594.9 | 650.0 | -3.1 | -9.7 | 250.8 | 10.3 | 9.7 | 3.4 | 305.5 | 314.0 | 2.8 | 60.2 | 999.9 | 999.9 |
| 9.3 | 99.9 | 3904.0 | 625.0 | -5.9 | -10.2 | 250.0 | 11.0 | 10.3 | 3.6 | 305.7 | 314.0 | 2.8 | 71.6 | 999.9 | 999.9 |
| 10.4 | 99.9 | 4222.4 | 600.0 | -8.8 | -10.7 | 250.0 | 11.0 | 10.4 | 3.8 | 305.3 | 313.1 | 2.4 | 73.4 | 999.9 | 999.9 |
| 11.4 | 99.9 | 4550.4 | 575.0 | -11.9 | -12.9 | 249.1 | 11.1 | 10.4 | 4.0 | 306.1 | 313.4 | 2.2 | 92.0 | 999.9 | 999.9 |
| 12.5 | 99.9 | 4889.1 | 550.0 | -14.8 | -15.4 | 249.6 | 10.5 | 9.9 | 3.7 | 306.5 | 312.9 | 2.2 | 95.5 | 999.9 | 999.9 |
| 13.7 | 99.9 | 5239.6 | 525.0 | -17.5 | -17.9 | 254.3 | 10.3 | 9.9 | 3.7 | 307.4 | 312.8 | 1.8 | 95.7 | 999.9 | 999.9 |
| 14.8 | 99.9 | 5603.4 | 500.0 | -20.1 | -20.6 | 258.2 | 11.1 | 11.1 | 0.3 | 308.5 | 312.8 | 1.5 | 95.7 | 999.9 | 999.9 |
| 16.1 | 99.9 | 5982.1 | 475.0 | -22.6 | -23.9 | 268.2 | 14.0 | 14.0 | 1.2 | 310.1 | 312.8 | 1.2 | 82.7 | 999.9 | 999.9 |
| 17.4 | 99.9 | 6377.1 | 450.0 | -25.2 | -27.3 | 264.9 | 16.5 | 16.5 | 1.6 | 311.6 | 314.5 | 0.9 | 81.8 | 999.9 | 999.9 |
| 18.6 | 99.9 | 6789.9 | 425.0 | -28.5 | -31.2 | 270.0 | 16.5 | 16.2 | 1.6 | 312.5 | 314.7 | 0.7 | 77.1 | 999.9 | 999.9 |
| 19.9 | 99.9 | 7221.2 | 400.0 | -32.2 | -35.4 | 272.9 | 14.5 | 14.5 | -0.7 | 313.2 | 315.2 | 0.5 | 66.6 | 999.9 | 999.9 |
| 21.5 | 99.9 | 7673.3 | 375.0 | -35.9 | -39.8 | 277.5 | 13.6 | 13.5 | -1.8 | 314.1 | 315.2 | 0.3 | 66.6 | 999.9 | 999.9 |
| 23.1 | 99.9 | 8148.8 | 350.0 | -39.9 | -43.9 | 280.0 | 16.8 | 16.6 | -2.9 | 315.4 | 315.2 | 0.3 | 99.9 | 999.9 | 999.9 |
| 24.7 | 99.9 | 8650.2 | 325.0 | -44.5 | -48.9 | 279.7 | 20.1 | 19.9 | -3.5 | 318.3 | 315.2 | 0.3 | 99.9 | 999.9 | 999.9 |
| 26.5 | 99.9 | 9182.0 | 300.0 | -47.6 | -52.9 | 274.0 | 23.7 | 23.6 | -1.9 | 318.3 | 315.2 | 0.3 | 99.9 | 999.9 | 999.9 |
| 28.7 | 99.9 | 9758.8 | 275.0 | -50.0 | -56.9 | 277.0 | 23.7 | 23.7 | -2.9 | 328.5 | 315.2 | 0.3 | 99.9 | 999.9 | 999.9 |
| 30.7 | 99.9 | 10394.5 | 250.0 | -52.0 | -59.9 | 271.2 | 21.0 | 21.0 | -0.4 | 337.7 | 315.2 | 0.3 | 99.9 | 999.9 | 999.9 |
| 32.9 | 99.9 | 11091.4 | 225.0 | -54.7 | -62.9 | 263.9 | 19.6 | 19.5 | 2.1 | 343.9 | 315.2 | 0.3 | 99.9 | 999.9 | 999.9 |
| 35.3 | 99.9 | 11860.6 | 200.0 | -57.7 | -65.9 | 256.4 | 18.7 | 18.2 | 2.1 | 350.9 | 315.2 | 0.3 | 99.9 | 999.9 | 999.9 |
| 38.3 | 99.9 | 12729.0 | 175.0 | -50.7 | -59.9 | 273.3 | 22.3 | 22.3 | -1.3 | 366.3 | 315.2 | 0.3 | 99.9 | 999.9 | 999.9 |
| 41.7 | 99.9 | 13730.4 | 150.0 | -52.1 | -59.9 | 271.0 | 15.9 | 15.9 | -0.3 | 380.3 | 315.2 | 0.3 | 99.9 | 999.9 | 999.9 |
| 45.5 | 99.9 | 14903.2 | 125.0 | -55.0 | -59.9 | 251.4 | 15.6 | 15.6 | 5.0 | 395.4 | 315.2 | 0.3 | 99.9 | 999.9 | 999.9 |
| 50.2 | 99.9 | 16318.4 | 100.0 | -57.2 | -59.9 | 258.0 | 15.0 | 15.6 | 3.3 | 417.2 | 315.2 | 0.3 | 99.9 | 999.9 | 999.9 |
| 55.8 | 99.9 | 18129.6 | 75.0 | -61.2 | -59.9 | 318.8 | 2.4 | 1.6 | -1.8 | 444.6 | 315.2 | 0.3 | 99.9 | 999.9 | 999.9 |
| 63.8 | 99.9 | 20645.8 | 50.0 | -58.5 | -59.9 | 220.2 | 2.1 | 1.3 | -1.6 | 503.2 | 315.2 | 0.3 | 99.9 | 999.9 | 999.9 |
| 76.2 | 99.9 | 25068.8 | 25.0 | -52.0 | -59.9 | 356.0 | 2.1 | 0.1 | -2.1 | 635.2 | 315.2 | 0.3 | 99.9 | 999.9 | 999.9 |

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 163
AMARILLO, TEXAS
25 APRIL 1982
1110 GMT

DATA INTERPOLATED FROM NWS SIGNIFICANT LEVEL DATA

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT I DG K | E POT I DG K | MX RIO GM/AG | RH PCT | RANGE KM | AZ CG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 99.9 | 1034.0 | 883.0 | 5.6 | 4.6 | 300.0 | 5.1 | 4.5 | -2.6 | 288.9 | 301.4 | 6.0 | 93.3 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 950.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 900.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 0.3 | 99.9 | 1168.8 | 875.0 | 7.2 | 6.9 | 323.9 | 5.9 | 3.5 | -4.8 | 291.5 | 307.2 | 5.9 | 79.5 | 999.9 | 999.9 |
| 1.1 | 99.9 | 1408.0 | 850.0 | 7.2 | 6.9 | 323.9 | 11.0 | 1.1 | -11.0 | 293.7 | 313.5 | 7.4 | 58.0 | 999.9 | 999.9 |
| 2.0 | 99.9 | 1654.5 | 825.0 | 8.2 | 0.1 | 341.4 | 13.3 | 4.2 | -12.6 | 297.2 | 310.2 | 7.4 | 56.6 | 999.9 | 999.9 |
| 2.8 | 99.9 | 1908.4 | 800.0 | 7.4 | -3.2 | 339.4 | 13.8 | 4.9 | -12.9 | 299.0 | 309.8 | 3.8 | 46.8 | 999.9 | 999.9 |
| 3.6 | 99.9 | 2169.0 | 775.0 | 5.5 | -4.8 | 340.9 | 13.9 | 4.5 | -13.1 | 299.7 | 309.5 | 3.5 | 47.4 | 999.9 | 999.9 |
| 4.5 | 99.9 | 2436.2 | 750.0 | 3.5 | -5.4 | 339.1 | 13.9 | 5.0 | -13.0 | 300.4 | 309.5 | 2.9 | 48.0 | 999.9 | 999.9 |
| 5.4 | 99.9 | 2710.5 | 725.0 | 1.5 | -8.1 | 337.9 | 14.1 | 5.3 | -13.1 | 301.1 | 309.4 | 2.6 | 49.3 | 999.9 | 999.9 |
| 6.3 | 99.9 | 2992.2 | 700.0 | -0.6 | -9.9 | 341.6 | 14.4 | 4.5 | -13.7 | 301.8 | 309.4 | 2.5 | 54.9 | 999.9 | 999.9 |
| 7.4 | 99.9 | 3281.7 | 675.0 | -3.0 | -10.8 | 341.0 | 15.5 | 5.1 | -14.7 | 302.3 | 309.7 | 2.5 | 54.9 | 999.9 | 999.9 |
| 8.3 | 99.9 | 3578.3 | 650.0 | -5.5 | -15.5 | 335.0 | 17.8 | 7.5 | -16.1 | 302.8 | 309.7 | 1.8 | 45.1 | 999.9 | 999.9 |
| 9.4 | 99.9 | 3866.6 | 625.0 | -8.0 | -26.4 | 327.2 | 19.4 | 10.5 | -16.3 | 305.6 | 307.9 | 0.7 | 18.0 | 999.9 | 999.9 |
| 10.5 | 99.9 | 4205.0 | 600.0 | -8.2 | -28.9 | 327.2 | 20.1 | 11.1 | -16.7 | 305.7 | 307.9 | 0.6 | 17.0 | 999.9 | 999.9 |
| 11.7 | 99.9 | 4533.9 | 575.0 | -10.6 | -30.6 | 328.7 | 20.2 | 10.5 | -17.3 | 307.5 | 309.2 | 0.5 | 17.4 | 999.9 | 999.9 |
| 12.8 | 99.9 | 4874.2 | 550.0 | -13.2 | -32.5 | 328.2 | 21.0 | 11.1 | -17.9 | 308.4 | 309.9 | 0.4 | 17.9 | 999.9 | 999.9 |
| 14.1 | 99.9 | 5226.7 | 525.0 | -15.9 | -34.4 | 324.8 | 21.5 | 12.4 | -17.6 | 309.3 | 310.7 | 0.4 | 18.5 | 999.9 | 999.9 |
| 15.4 | 99.9 | 5592.4 | 500.0 | -18.7 | -36.4 | 323.4 | 20.5 | 12.2 | -16.5 | 310.3 | 311.4 | 0.3 | 19.2 | 999.9 | 999.9 |
| 16.7 | 99.9 | 5972.9 | 475.0 | -21.2 | -34.3 | 324.0 | 22.2 | 13.0 | -17.9 | 311.8 | 313.2 | 0.4 | 29.4 | 999.9 | 999.9 |
| 18.1 | 99.9 | 6369.9 | 450.0 | -24.2 | -34.5 | 319.7 | 22.7 | 14.7 | -17.3 | 312.8 | 314.4 | 0.4 | 27.8 | 999.9 | 999.9 |
| 19.5 | 99.9 | 6782.7 | 425.0 | -27.9 | -37.4 | 311.7 | 23.4 | 17.5 | -15.8 | 313.7 | 314.5 | 0.4 | 29.2 | 999.9 | 999.9 |
| 21.0 | 99.9 | 7215.9 | 400.0 | -31.8 | -40.6 | 305.0 | 21.1 | 17.3 | -12.1 | 314.3 | 314.6 | 0.3 | 41.0 | 999.9 | 999.9 |
| 22.6 | 99.9 | 7668.4 | 375.0 | -35.8 | -44.5 | 344.2 | 23.5 | 16.0 | -16.4 | 315.2 | 315.0 | 0.2 | 999.9 | 999.9 | 999.9 |
| 24.3 | 99.9 | 8144.0 | 350.0 | -39.7 | 99.9 | 317.7 | 23.7 | 16.3 | -17.6 | 315.2 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 26.0 | 99.9 | 8647.9 | 325.0 | -42.3 | 99.9 | 318.0 | 24.3 | 16.3 | -18.0 | 315.2 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 27.8 | 99.9 | 9185.9 | 300.0 | -45.1 | 99.9 | 315.9 | 25.3 | 17.6 | -18.2 | 316.1 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 30.0 | 99.9 | 9763.8 | 275.0 | -47.7 | 99.9 | 314.0 | 24.7 | 18.6 | -12.6 | 316.1 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 32.4 | 99.9 | 10389.1 | 250.0 | -50.6 | 99.9 | 304.1 | 23.5 | 18.6 | -12.6 | 316.1 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 34.7 | 99.9 | 11070.3 | 225.0 | -54.2 | 99.9 | 293.2 | 18.3 | 17.8 | -8.4 | 316.1 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 37.3 | 99.9 | 11844.5 | 200.0 | -54.2 | 99.9 | 293.7 | 21.0 | 19.2 | -8.4 | 317.0 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 40.3 | 99.9 | 12660.3 | 175.0 | -54.7 | 99.9 | 293.7 | 99.9 | 99.9 | 99.9 | 317.0 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 43.7 | 99.9 | 13667.1 | 150.0 | -54.7 | 99.9 | 293.9 | 99.9 | 99.9 | 99.9 | 317.0 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 47.7 | 99.9 | 14833.1 | 125.0 | -58.1 | 99.9 | 299.9 | 99.9 | 99.9 | 99.9 | 317.0 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 52.6 | 99.9 | 16250.4 | 100.0 | -60.0 | 99.9 | 247.7 | 99.9 | 9.0 | 3.7 | 415.5 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 58.0 | 99.9 | 18050.8 | 75.0 | -59.9 | 99.9 | 243.8 | 99.9 | 8.1 | -0.2 | 417.1 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 65.4 | 99.9 | 20570.2 | 50.0 | -59.9 | 99.9 | 273.8 | 99.9 | 2.9 | -1.9 | 502.3 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 77.2 | 99.9 | 24988.1 | 25.0 | -52.0 | 99.9 | 27.4 | 2.2 | -1.0 | -1.9 | 635.2 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 365
ALBUQUERQUE, NEW MEXICO
24 APRIL 1982
1100 GMT

0 343.

DATA INTERPOLATED FROM NWS SIGNIFICANT LEVEL DATA

| TIME MIN | QNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 99.9 | 1619.0 | 836.1 | 4.4 | 2.9 | 190.0 | 2.1 | 0.4 | 2.0 | 292.1 | 307.4 | 5.7 | 90.0 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 950.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 900.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 875.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 850.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 0.4 | 99.9 | 1728.1 | 825.0 | 4.7 | -0.1 | 264.6 | 2.9 | 2.4 | 1.6 | 293.8 | 306.2 | 4.6 | 71.1 | 999.9 | 999.9 |
| 1.2 | 99.9 | 1978.5 | 800.0 | 3.1 | -2.1 | 278.4 | 6.4 | 6.4 | 0.6 | 294.4 | 307.1 | 4.4 | 74.0 | 999.9 | 999.9 |
| 2.0 | 99.9 | 2235.3 | 775.0 | -0.3 | -3.2 | 291.6 | 8.2 | 7.6 | -1.1 | 295.3 | 307.5 | 4.2 | 77.2 | 999.9 | 999.9 |
| 2.9 | 99.9 | 2498.8 | 750.0 | -2.6 | -4.2 | 297.8 | 8.9 | 8.0 | -3.0 | 296.7 | 307.5 | 3.7 | 80.1 | 999.9 | 999.9 |
| 3.8 | 99.9 | 2768.3 | 725.0 | -4.9 | -5.2 | 301.1 | 10.2 | 7.6 | -4.4 | 297.1 | 307.5 | 3.2 | 82.2 | 999.9 | 999.9 |
| 4.7 | 99.9 | 3046.9 | 700.0 | -6.9 | -7.5 | 303.5 | 13.6 | 8.5 | -5.6 | 298.0 | 307.2 | 2.8 | 84.9 | 999.9 | 999.9 |
| 5.7 | 99.9 | 3332.2 | 675.0 | -9.9 | -9.9 | 300.7 | 15.8 | 11.7 | -6.9 | 298.9 | 306.9 | 1.8 | 87.5 | 999.9 | 999.9 |
| 6.8 | 99.9 | 3626.0 | 650.0 | -11.0 | -15.8 | 298.2 | 16.5 | 13.9 | -7.5 | 299.9 | 305.3 | 0.8 | 89.6 | 999.9 | 999.9 |
| 7.9 | 99.9 | 3928.8 | 625.0 | -12.0 | -25.4 | 299.0 | 16.5 | 14.4 | -8.0 | 302.3 | 304.8 | 0.8 | 91.8 | 999.9 | 999.9 |
| 9.0 | 99.9 | 4241.6 | 600.0 | -13.8 | -28.3 | 298.9 | 16.5 | 14.4 | -8.0 | 303.9 | 305.9 | 0.5 | 93.9 | 999.9 | 999.9 |
| 10.0 | 99.9 | 4568.6 | 575.0 | -16.4 | -30.8 | 297.0 | 16.0 | 14.3 | -7.3 | 304.6 | 306.3 | 0.4 | 95.9 | 999.9 | 999.9 |
| 11.1 | 99.9 | 4902.7 | 550.0 | -19.2 | -33.5 | 297.7 | 17.2 | 15.2 | -8.0 | 305.3 | 306.7 | 0.4 | 97.9 | 999.9 | 999.9 |
| 12.2 | 99.9 | 5250.7 | 525.0 | -21.4 | -36.6 | 301.3 | 17.7 | 15.1 | -9.2 | 307.0 | 309.1 | 0.5 | 99.9 | 999.9 | 999.9 |
| 13.3 | 99.9 | 5612.1 | 500.0 | -24.7 | -39.1 | 301.3 | 18.4 | 15.7 | -9.6 | 307.4 | 309.2 | 0.5 | 99.9 | 999.9 | 999.9 |
| 14.7 | 99.9 | 5987.9 | 475.0 | -26.2 | -41.4 | 299.0 | 19.0 | 16.6 | -9.2 | 307.8 | 309.2 | 0.4 | 99.9 | 999.9 | 999.9 |
| 16.2 | 99.9 | 6378.7 | 450.0 | -31.4 | -42.2 | 302.8 | 20.4 | 17.2 | -11.1 | 308.8 | 309.7 | 0.2 | 99.9 | 999.9 | 999.9 |
| 17.7 | 99.9 | 6786.2 | 425.0 | -35.0 | -47.9 | 305.9 | 23.0 | 18.6 | -13.5 | 309.5 | 310.3 | 0.2 | 99.9 | 999.9 | 999.9 |
| 19.3 | 99.9 | 7212.4 | 400.0 | -39.2 | -49.9 | 313.0 | 22.1 | 16.1 | -15.1 | 309.7 | 310.2 | 0.1 | 99.9 | 999.9 | 999.9 |
| 21.0 | 99.9 | 7658.7 | 375.0 | -43.5 | -51.9 | 314.5 | 18.0 | 12.8 | -12.8 | 310.0 | 309.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 22.6 | 99.9 | 8127.1 | 350.0 | 99.9 | 99.9 | 999.9 | 99.9 | 95.9 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 325.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 300.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 275.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 250.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 225.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 200.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 175.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 150.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 125.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 100.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 75.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 50.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 999.9 | 999.9 |

ORIGINAL PAGE 19
OF POOR QUALITY.

STATION NO. 365
ALBUQUERQUE, NEW MEXICO
24 APRIL 1982
2300 GMT

0 8

DATA INTERPOLATED FROM NWS SIGNIFICANT LEVEL DATA

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE NM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 99.9 | 1619.0 | 831.2 | 17.9 | -4.2 | 300.0 | 11.3 | 9.8 | -5.7 | 306.9 | 316.8 | 3.4 | 21.8 | 999.9 | 999.9 |
| 99.9 | 99.9 | 1000.0 | 1000.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 975.0 | 975.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 950.0 | 950.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 925.0 | 925.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 900.0 | 900.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 875.0 | 875.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 850.0 | 850.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 0.2 | 99.9 | 1682.8 | 825.0 | 16.8 | -10.7 | 300.6 | 11.4 | 9.8 | -5.8 | 306.3 | 312.6 | 2.1 | 14.2 | 999.9 | 999.9 |
| 1.1 | 99.9 | 1943.0 | 800.0 | 14.0 | -13.0 | 303.1 | 11.8 | 9.9 | -6.4 | 306.1 | 311.5 | 1.7 | 14.0 | 999.9 | 999.9 |
| 2.0 | 99.9 | 2209.2 | 775.0 | 11.5 | -12.1 | 304.9 | 10.8 | 8.9 | -6.2 | 306.2 | 312.1 | 1.9 | 17.7 | 999.9 | 999.9 |
| 2.9 | 99.9 | 2481.7 | 750.0 | 8.9 | -11.2 | 305.9 | 12.2 | 9.9 | -7.2 | 306.2 | 312.8 | 2.2 | 22.8 | 999.9 | 999.9 |
| 3.6 | 99.9 | 2760.8 | 725.0 | 6.1 | -11.6 | 304.7 | 12.4 | 10.2 | -7.0 | 306.2 | 312.8 | 2.2 | 26.5 | 999.9 | 999.9 |
| 4.4 | 99.9 | 3046.8 | 700.0 | 3.3 | -12.1 | 303.2 | 12.6 | 10.5 | -6.9 | 306.1 | 312.7 | 2.2 | 31.2 | 999.9 | 999.9 |
| 5.3 | 99.9 | 3340.1 | 675.0 | 0.3 | -12.6 | 302.0 | 13.4 | 11.3 | -7.1 | 306.0 | 312.5 | 2.1 | 37.1 | 999.9 | 999.9 |
| 6.4 | 99.9 | 3641.1 | 650.0 | -2.7 | -13.4 | 301.6 | 14.4 | 12.3 | -7.5 | 306.0 | 312.3 | 2.1 | 42.3 | 999.9 | 999.9 |
| 7.7 | 99.9 | 3950.5 | 625.0 | -5.6 | -14.4 | 299.5 | 13.6 | 11.9 | -6.7 | 306.1 | 312.1 | 2.0 | 48.5 | 999.9 | 999.9 |
| 9.1 | 99.9 | 4269.0 | 600.0 | -8.6 | -15.5 | 296.0 | 11.8 | 10.6 | -5.2 | 306.1 | 311.9 | 1.9 | 57.2 | 999.9 | 999.9 |
| 10.5 | 99.9 | 4591.2 | 575.0 | -11.5 | -16.7 | 296.0 | 11.6 | 10.4 | -5.1 | 306.5 | 311.2 | 1.5 | 54.9 | 999.9 | 999.9 |
| 12.0 | 99.9 | 4935.9 | 550.0 | -15.2 | -17.9 | 297.0 | 12.3 | 11.0 | -5.6 | 307.5 | 310.5 | 1.7 | 79.3 | 999.9 | 999.9 |
| 13.3 | 99.9 | 5286.0 | 525.0 | -17.4 | -25.1 | 297.4 | 13.1 | 11.6 | -6.0 | 308.4 | 311.3 | 0.8 | 51.3 | 999.9 | 999.9 |
| 14.6 | 99.9 | 5649.6 | 500.0 | -20.2 | -27.5 | 296.0 | 12.4 | 11.1 | -5.4 | 309.2 | 311.0 | 0.7 | 54.5 | 999.9 | 999.9 |
| 15.8 | 99.9 | 6027.5 | 475.0 | -23.3 | -29.9 | 297.5 | 12.7 | 11.3 | -5.9 | 310.1 | 311.3 | 0.3 | 34.0 | 999.9 | 999.9 |
| 17.1 | 99.9 | 6420.8 | 450.0 | -26.4 | -37.5 | 302.3 | 15.6 | 13.2 | -8.4 | 310.1 | 311.2 | 0.2 | 31.9 | 999.9 | 999.9 |
| 18.5 | 99.9 | 6831.4 | 425.0 | -29.4 | -40.8 | 303.5 | 17.2 | 14.4 | -9.5 | 311.3 | 312.2 | 0.2 | 29.7 | 999.9 | 999.9 |
| 20.0 | 99.9 | 7261.5 | 400.0 | -32.6 | -44.3 | 299.0 | 18.5 | 16.2 | -9.0 | 312.6 | 313.3 | 0.2 | 29.3 | 999.9 | 999.9 |
| 21.4 | 99.9 | 7712.9 | 375.0 | -36.2 | -47.6 | 301.3 | 22.3 | 19.1 | -11.6 | 313.7 | 314.2 | 0.1 | 29.3 | 999.9 | 999.9 |
| 23.0 | 99.9 | 8186.0 | 350.0 | -39.8 | 99.9 | 309.9 | 22.1 | 17.0 | -14.2 | 315.0 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 24.8 | 99.9 | 8691.4 | 325.0 | -42.6 | 99.9 | 309.7 | 24.1 | 18.5 | -15.4 | 315.0 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 26.8 | 99.9 | 9228.5 | 300.0 | -45.6 | 99.9 | 306.2 | 24.5 | 19.8 | -14.5 | 321.1 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 28.7 | 99.9 | 9803.4 | 275.0 | -49.5 | 99.9 | 301.3 | 30.2 | 25.8 | -15.7 | 328.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 30.8 | 99.9 | 10424.6 | 250.0 | -51.9 | 99.9 | 305.3 | 24.8 | 20.2 | -14.4 | 335.0 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 32.7 | 99.9 | 11102.9 | 225.0 | -54.5 | 99.9 | 300.4 | 23.1 | 19.9 | -11.7 | 335.0 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 34.8 | 99.9 | 11855.7 | 200.0 | -55.8 | 99.9 | 287.9 | 18.2 | 17.3 | -5.6 | 344.6 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 37.4 | 99.9 | 12708.9 | 175.0 | -57.2 | 99.9 | 277.2 | 20.5 | 20.4 | -2.6 | 357.8 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 40.3 | 99.9 | 13692.9 | 150.0 | -54.2 | 99.9 | 275.2 | 19.9 | 19.8 | -1.8 | 370.7 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 43.7 | 99.9 | 14695.9 | 125.0 | -51.4 | 99.9 | 265.1 | 14.5 | 14.3 | 1.1 | 401.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 48.1 | 99.9 | 16286.9 | 100.0 | -58.6 | 99.9 | 250.1 | 15.3 | 14.4 | 5.2 | 414.5 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 53.9 | 99.9 | 18098.9 | 75.0 | -60.0 | 99.9 | 270.9 | 10.4 | 10.4 | -0.2 | 447.1 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 61.6 | 99.9 | 20613.5 | 50.0 | -58.8 | 99.9 | 95.0 | 0.9 | -0.9 | 0.1 | 504.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 73.9 | 99.9 | 25045.3 | 25.0 | -51.7 | 99.9 | 275.2 | 1.5 | 1.5 | -0.1 | 635.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |

STATION NO. 365
ALBUQUERQUE, NEW MEXICO
25 APRIL 1982
1100 GMT

0 6.

DATA INTERPOLATED FROM NWS SIGNIFICANT LEVEL DATA

| TIME MIN | ONCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 99.9 | 1619.0 | 834.3 | 6.5 | -2.1 | 40.0 | 2.1 | -1.3 | -1.6 | 294.5 | 305.5 | 3.9 | 54.1 | 999.9 | 999.9 |
| 99.9 | 99.9 | 1000.0 | 1000.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 999.9 | 975.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 999.9 | 950.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 999.9 | 925.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 999.9 | 900.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 999.9 | 875.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 999.9 | 850.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 0.3 | 99.9 | 1711.8 | 825.0 | 9.9 | -4.9 | 8.4 | -2.1 | -0.3 | -2.1 | 299.1 | 308.3 | 3.2 | 34.8 | 999.9 | 999.9 |
| 1.2 | 99.9 | 1986.9 | 800.0 | 8.6 | -5.4 | 327.6 | 4.6 | 2.5 | -3.9 | 300.4 | 309.6 | 3.2 | 38.0 | 999.9 | 999.9 |
| 2.1 | 99.9 | 2228.9 | 775.0 | 7.3 | -8.0 | 321.3 | 9.1 | 5.7 | -7.1 | 301.7 | 310.9 | 3.2 | 39.9 | 999.9 | 999.9 |
| 3.0 | 99.9 | 2498.1 | 750.0 | 6.0 | -6.6 | 331.0 | 13.4 | 6.9 | -14.0 | 303.1 | 312.2 | 3.1 | 39.9 | 999.9 | 999.9 |
| 3.9 | 99.9 | 2774.9 | 725.0 | 4.0 | -7.4 | 333.7 | 15.7 | 6.9 | -14.0 | 303.9 | 312.6 | 3.0 | 42.9 | 999.9 | 999.9 |
| 4.8 | 99.9 | 3059.2 | 700.0 | 2.0 | -8.3 | 332.4 | 17.2 | 8.0 | -15.2 | 304.7 | 313.3 | 2.9 | 46.2 | 999.9 | 999.9 |
| 5.7 | 99.9 | 3351.6 | 675.0 | -0.4 | -10.5 | 334.1 | 15.8 | 7.3 | -15.1 | 305.3 | 312.9 | 2.5 | 46.2 | 999.9 | 999.9 |
| 6.7 | 99.9 | 3652.2 | 650.0 | -2.8 | -12.7 | 338.9 | 15.4 | 5.6 | -14.4 | 305.8 | 312.5 | 2.2 | 46.1 | 999.9 | 999.9 |
| 7.7 | 99.9 | 3961.7 | 625.0 | -5.5 | -13.9 | 341.0 | 14.6 | 4.7 | -13.8 | 306.1 | 312.5 | 2.1 | 51.7 | 999.9 | 999.9 |
| 8.6 | 99.9 | 4280.4 | 600.0 | -8.2 | -16.1 | 338.0 | 14.0 | 5.3 | -13.0 | 306.7 | 312.2 | 1.8 | 52.8 | 999.9 | 999.9 |
| 10.0 | 99.9 | 4609.7 | 575.0 | -10.3 | -17.8 | 333.2 | 12.9 | 5.7 | -11.5 | 307.9 | 311.7 | 1.2 | 57.1 | 999.9 | 999.9 |
| 11.2 | 99.9 | 4950.3 | 550.0 | -12.8 | -21.4 | 330.9 | 11.6 | 5.7 | -10.2 | 308.9 | 311.2 | 0.7 | 59.9 | 999.9 | 999.9 |
| 12.4 | 99.9 | 5303.7 | 525.0 | -15.1 | -32.9 | 334.2 | 10.6 | 4.8 | -9.5 | 310.2 | 311.8 | 0.5 | 60.1 | 999.9 | 999.9 |
| 13.7 | 99.9 | 5670.6 | 500.0 | -17.8 | -35.0 | 325.3 | 10.3 | 5.8 | -8.4 | 311.3 | 312.7 | 0.4 | 62.4 | 999.9 | 999.9 |
| 15.1 | 99.9 | 6052.4 | 475.0 | -20.6 | -48.4 | 316.6 | 10.9 | 7.5 | -7.9 | 312.4 | 312.8 | 0.1 | 62.4 | 999.9 | 999.9 |
| 16.6 | 99.9 | 6449.5 | 450.0 | -24.2 | -47.9 | 312.8 | 12.1 | 6.9 | -8.2 | 312.9 | 313.2 | 0.1 | 62.4 | 999.9 | 999.9 |
| 18.1 | 99.9 | 6863.2 | 425.0 | -27.9 | -47.5 | 313.0 | 12.4 | 9.0 | -8.4 | 313.2 | 313.7 | 0.1 | 62.4 | 999.9 | 999.9 |
| 19.7 | 99.9 | 7295.2 | 400.0 | -31.9 | -47.0 | 302.5 | 12.4 | 9.0 | -7.3 | 313.5 | 314.0 | 0.1 | 62.4 | 999.9 | 999.9 |
| 21.5 | 99.9 | 7748.3 | 375.0 | -35.1 | -49.4 | 302.5 | 13.6 | 11.5 | -7.3 | 313.5 | 314.0 | 0.1 | 62.4 | 999.9 | 999.9 |
| 23.3 | 99.9 | 8226.0 | 350.0 | -38.5 | -52.0 | 316.5 | 17.1 | 11.8 | -12.4 | 315.2 | 317.2 | 0.1 | 62.4 | 999.9 | 999.9 |
| 25.6 | 99.9 | 8731.1 | 325.0 | -42.6 | -59.9 | 318.8 | 18.6 | 12.3 | -14.0 | 316.8 | 317.2 | 0.1 | 62.4 | 999.9 | 999.9 |
| 28.1 | 99.9 | 9266.4 | 300.0 | -47.1 | -69.9 | 321.1 | 19.6 | 12.3 | -15.2 | 319.0 | 319.9 | 0.1 | 62.4 | 999.9 | 999.9 |
| 30.3 | 99.9 | 9836.9 | 275.0 | -51.5 | -79.9 | 322.3 | 17.7 | 10.8 | -14.0 | 320.5 | 319.9 | 0.1 | 62.4 | 999.9 | 999.9 |
| 32.8 | 99.9 | 10448.8 | 250.0 | -56.4 | -89.9 | 318.1 | 18.1 | 12.1 | -13.5 | 322.2 | 319.9 | 0.1 | 62.4 | 999.9 | 999.9 |
| 35.7 | 99.9 | 11112.0 | 225.0 | -58.5 | -99.9 | 300.7 | 18.2 | 15.6 | -13.2 | 327.3 | 319.9 | 0.1 | 62.4 | 999.9 | 999.9 |
| 38.9 | 99.9 | 11850.8 | 200.0 | -56.4 | -99.9 | 300.9 | 25.7 | 22.1 | -11.9 | 327.3 | 319.9 | 0.1 | 62.4 | 999.9 | 999.9 |
| 42.6 | 99.9 | 12703.9 | 175.0 | -53.2 | -99.9 | 296.4 | 26.9 | 22.1 | -11.9 | 343.5 | 319.9 | 0.1 | 62.4 | 999.9 | 999.9 |
| 46.4 | 99.9 | 13701.9 | 150.0 | -53.3 | -99.9 | 271.7 | 13.8 | 13.8 | -0.4 | 362.1 | 319.9 | 0.1 | 62.4 | 999.9 | 999.9 |
| 50.8 | 99.9 | 14864.5 | 125.0 | -55.5 | -99.9 | 280.5 | 16.7 | 16.5 | -3.0 | 378.3 | 319.9 | 0.1 | 62.4 | 999.9 | 999.9 |
| 56.4 | 99.9 | 16277.5 | 100.0 | -59.2 | -99.9 | 274.1 | 14.2 | 14.2 | -1.0 | 394.6 | 319.9 | 0.1 | 62.4 | 999.9 | 999.9 |
| 63.0 | 99.9 | 18078.8 | 75.0 | -60.6 | -99.9 | 257.1 | 6.6 | 6.4 | 1.5 | 446.0 | 319.9 | 0.1 | 62.4 | 999.9 | 999.9 |
| 72.1 | 99.9 | 20584.0 | 50.0 | -60.6 | -99.9 | 134.5 | 2.4 | -1.7 | 1.7 | 500.7 | 319.9 | 0.1 | 62.4 | 999.9 | 999.9 |
| 86.6 | 99.9 | 24992.0 | 25.0 | -53.4 | -99.9 | 291.4 | 3.3 | 3.1 | -1.2 | 631.1 | 319.9 | 0.1 | 62.4 | 999.9 | 999.9 |

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 374
WINSLOW, ARIZONA
24 APRIL 1982
1115 GMT

0 9.

DATA INTERPOLATED FROM NWS SIGNIFICANT LEVEL DATA

| TIME MIN | ONCT | HEIGHT GPM | PRES MB | TEMP DG C | 'DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|------|---------------|------------|--------------|-----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 99.9 | 1487.0 | 851.0 | 4.4 | -0.6 | 230.0 | 1.5 | 1.2 | 1.0 | 290.7 | 302.4 | 4.3 | 69.9 | 999.9 | 999.9 |
| 9.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 9.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 9.9 | 99.9 | 99.9 | 950.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 9.9 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 9.9 | 99.9 | 99.9 | 900.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 9.9 | 99.9 | 99.9 | 875.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 0.1 | 99.9 | 1496.6 | 850.0 | 5.5 | -0.2 | 238.0 | 1.7 | 1.5 | 0.9 | 291.9 | 304.1 | 4.4 | 66.6 | 999.9 | 999.9 |
| 0.8 | 99.9 | 1743.3 | 825.0 | 8.6 | -1.2 | 263.8 | 3.7 | 3.7 | 0.4 | 297.7 | 309.6 | 4.2 | 50.0 | 999.9 | 999.9 |
| 1.7 | 99.9 | 1997.2 | 800.0 | 7.2 | -2.5 | 284.7 | 5.1 | 5.0 | -1.3 | 298.9 | 310.7 | 4.0 | 50.1 | 999.9 | 999.9 |
| 2.6 | 99.9 | 2257.9 | 775.0 | 5.8 | -3.7 | 299.8 | 7.2 | 6.3 | -3.6 | 300.0 | 310.7 | 3.7 | 50.3 | 999.9 | 999.9 |
| 3.5 | 99.9 | 2525.5 | 750.0 | 3.8 | -4.3 | 309.3 | 8.7 | 6.7 | -5.4 | 300.7 | 311.3 | 3.7 | 55.4 | 999.9 | 999.9 |
| 4.4 | 99.9 | 2799.9 | 725.0 | 1.6 | -5.9 | 317.1 | 9.2 | 6.3 | -6.8 | 301.2 | 311.1 | 3.4 | 57.6 | 999.9 | 999.9 |
| 5.3 | 99.9 | 3082.1 | 700.0 | 0.0 | -8.9 | 323.2 | 9.6 | 5.7 | -7.7 | 302.5 | 310.7 | 2.8 | 51.0 | 999.9 | 999.9 |
| 6.2 | 99.9 | 3372.1 | 675.0 | -2.7 | -10.0 | 323.5 | 10.8 | 5.1 | -8.9 | 302.7 | 310.5 | 2.6 | 56.9 | 999.9 | 999.9 |
| 7.1 | 99.9 | 3670.1 | 650.0 | -5.2 | -9.6 | 324.0 | 13.0 | 7.6 | -10.5 | 303.0 | 311.4 | 2.7 | 71.1 | 999.9 | 999.9 |
| 8.1 | 99.9 | 3976.8 | 625.0 | -8.1 | -10.8 | 325.2 | 14.0 | 8.0 | -11.5 | 303.2 | 311.1 | 2.2 | 81.3 | 999.9 | 999.9 |
| 9.1 | 99.9 | 4292.4 | 600.0 | -10.8 | -13.6 | 334.7 | 15.0 | 6.4 | -13.5 | 303.6 | 310.2 | 1.6 | 80.1 | 999.9 | 999.9 |
| 10.2 | 99.9 | 4618.3 | 575.0 | -13.2 | -17.9 | 345.4 | 15.4 | 3.9 | -14.9 | 304.5 | 309.4 | 1.1 | 67.6 | 999.9 | 999.9 |
| 11.4 | 99.9 | 4955.4 | 550.0 | -15.7 | -22.6 | 342.2 | 14.5 | 4.4 | -13.9 | 305.5 | 309.0 | 0.9 | 54.9 | 999.9 | 999.9 |
| 12.6 | 99.9 | 5304.9 | 525.0 | -17.6 | -25.3 | 322.2 | 12.2 | 7.5 | -9.7 | 307.3 | 310.2 | 0.6 | 50.7 | 999.9 | 999.9 |
| 13.9 | 99.9 | 5668.6 | 500.0 | -20.0 | -29.7 | 305.9 | 10.3 | 10.3 | -7.5 | 308.7 | 310.8 | 0.5 | 41.4 | 999.9 | 999.9 |
| 15.2 | 99.9 | 6047.0 | 475.0 | -22.7 | -33.6 | 302.8 | 12.8 | 10.5 | -7.7 | 308.9 | 311.4 | 0.5 | 35.3 | 999.9 | 999.9 |
| 16.5 | 99.9 | 6441.4 | 450.0 | -25.6 | -37.7 | 310.6 | 13.1 | 10.0 | -8.5 | 310.8 | 311.9 | 0.2 | 31.4 | 999.9 | 999.9 |
| 17.9 | 99.9 | 6852.5 | 425.0 | -29.6 | -41.0 | 313.4 | 13.8 | 9.9 | -9.6 | 311.1 | 311.9 | 0.1 | 25.1 | 999.9 | 999.9 |
| 19.5 | 99.9 | 7281.5 | 400.0 | -32.9 | -46.1 | 313.4 | 15.7 | 11.4 | -10.8 | 312.2 | 312.8 | 0.1 | 25.1 | 999.9 | 999.9 |
| 21.1 | 99.9 | 7733.1 | 375.0 | -35.7 | -55.7 | 308.1 | 18.2 | 14.3 | -11.2 | 314.2 | 314.6 | 0.0 | 10.7 | 999.9 | 999.9 |
| 22.8 | 99.9 | 8210.0 | 350.0 | -38.7 | -65.9 | 309.8 | 22.6 | 17.3 | -14.4 | 316.6 | 316.7 | 0.0 | 3.8 | 999.9 | 999.9 |
| 24.7 | 99.9 | 8715.4 | 325.0 | -42.0 | -75.9 | 307.3 | 22.8 | 18.1 | -14.3 | 318.8 | 319.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 26.8 | 99.9 | 9253.0 | 300.0 | -45.7 | -85.9 | 302.8 | 26.5 | 22.2 | -17.1 | 321.0 | 319.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 29.0 | 99.9 | 9828.7 | 275.0 | -48.8 | -99.9 | 305.8 | 28.3 | 23.8 | -12.4 | 324.6 | 319.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 31.5 | 99.9 | 10450.3 | 250.0 | -52.2 | -99.9 | 299.5 | 25.2 | 23.0 | -10.1 | 328.5 | 319.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 34.0 | 99.9 | 11126.4 | 225.0 | -56.0 | -99.9 | 293.1 | 23.7 | 23.7 | -8.5 | 332.7 | 319.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 37.0 | 99.9 | 11874.7 | 200.0 | -59.3 | -99.9 | 283.1 | 23.7 | 23.7 | -6.5 | 344.1 | 319.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 40.3 | 99.9 | 12725.4 | 175.0 | -55.3 | -99.9 | 284.0 | 25.1 | 26.0 | -8.7 | 358.6 | 319.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 44.2 | 99.9 | 13708.3 | 150.0 | -54.6 | -99.9 | 290.3 | 16.7 | 16.5 | -2.2 | 376.0 | 319.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 48.7 | 99.9 | 14872.9 | 125.0 | -57.7 | -99.9 | 277.7 | 15.8 | 15.7 | 1.7 | 390.5 | 319.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 54.3 | 99.9 | 16272.8 | 100.0 | -60.3 | -99.9 | 265.8 | 12.3 | 12.3 | 0.9 | 411.2 | 319.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 61.1 | 99.9 | 18057.2 | 75.0 | -59.9 | -99.9 | 256.4 | 9.7 | 9.4 | 2.3 | 441.9 | 319.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 70.2 | 99.9 | 20559.8 | 50.0 | -59.9 | -99.9 | 246.9 | 0.8 | 0.2 | -0.8 | 502.3 | 319.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 84.5 | 99.9 | 24944.6 | 25.0 | -54.1 | -99.9 | 109.3 | 2.5 | -2.4 | 0.8 | 529.1 | 319.9 | 99.9 | 999.9 | 999.9 | 999.9 |

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ORIGINAL PAGE IS
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STATION NO. 374
WINSLOW, ARIZONA
24 APRIL 1982
2340 GMT

DATA INTERPOLATED FROM NWS SIGNIFICANT LEVEL DATA

0 24.

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 99.9 | 1487.0 | 847.6 | 20.0 | -3.7 | 260.0 | 10.8 | 10.6 | 1.9 | 307.4 | 317.5 | 3.4 | 19.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 950.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 900.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 875.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 850.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 0.7 | 99.9 | 1717.9 | 825.0 | 16.7 | -5.3 | 270.3 | 10.7 | 10.7 | -0.1 | 308.2 | 315.5 | 3.1 | 21.7 | 999.9 | 999.9 |
| 1.6 | 99.9 | 1978.5 | 800.0 | 14.2 | -6.2 | 281.3 | 11.1 | 10.8 | -2.2 | 308.3 | 315.3 | 3.0 | 23.7 | 999.9 | 999.9 |
| 2.5 | 99.9 | 2245.9 | 775.0 | 11.7 | -7.1 | 287.0 | 11.3 | 10.8 | -3.5 | 308.4 | 315.0 | 2.9 | 26.0 | 999.9 | 999.9 |
| 3.4 | 99.9 | 2517.8 | 750.0 | 9.1 | -8.1 | 289.1 | 10.7 | 10.1 | -4.0 | 308.5 | 314.7 | 2.8 | 28.7 | 999.9 | 999.9 |
| 4.5 | 99.9 | 2797.3 | 725.0 | 6.5 | -8.4 | 292.7 | 10.3 | 9.5 | -4.9 | 308.6 | 314.6 | 2.7 | 33.3 | 999.9 | 999.9 |
| 5.3 | 99.9 | 3083.8 | 700.0 | 3.6 | -9.2 | 299.1 | 11.3 | 10.2 | -6.0 | 308.6 | 314.8 | 2.7 | 38.5 | 999.9 | 999.9 |
| 6.1 | 99.9 | 3377.6 | 675.0 | 0.8 | -9.6 | 307.7 | 12.8 | 11.0 | -6.5 | 308.7 | 314.9 | 2.7 | 45.4 | 999.9 | 999.9 |
| 6.8 | 99.9 | 3679.4 | 650.0 | -2.0 | -10.1 | 302.7 | 13.1 | 11.1 | -7.1 | 308.7 | 314.9 | 2.7 | 54.0 | 999.9 | 999.9 |
| 7.5 | 99.9 | 3989.7 | 625.0 | -5.0 | -10.6 | 307.5 | 13.3 | 10.6 | -8.1 | 308.7 | 314.8 | 2.7 | 64.7 | 999.9 | 999.9 |
| 8.3 | 99.9 | 4309.0 | 600.0 | -8.1 | -11.2 | 307.5 | 13.4 | 9.9 | -9.8 | 308.7 | 314.8 | 2.5 | 78.6 | 999.9 | 999.9 |
| 9.2 | 99.9 | 4638.1 | 575.0 | -10.8 | -12.7 | 317.5 | 13.4 | 9.0 | -10.9 | 308.3 | 314.8 | 2.2 | 85.7 | 999.9 | 999.9 |
| 10.2 | 99.9 | 4978.5 | 550.0 | -13.3 | -15.1 | 328.3 | 13.3 | 7.6 | -11.0 | 308.3 | 314.9 | 1.8 | 86.4 | 999.9 | 999.9 |
| 11.2 | 99.9 | 5331.3 | 525.0 | -15.9 | -17.5 | 328.3 | 13.0 | 6.8 | -10.9 | 309.4 | 315.1 | 1.4 | 87.1 | 999.9 | 999.9 |
| 12.5 | 99.9 | 5697.6 | 500.0 | -18.4 | -21.4 | 328.3 | 12.9 | 8.1 | -10.7 | 310.6 | 315.0 | 1.4 | 77.1 | 999.9 | 999.9 |
| 13.6 | 99.9 | 6078.3 | 475.0 | -21.5 | -25.5 | 328.8 | 12.9 | 7.2 | -10.7 | 311.4 | 314.6 | 1.0 | 69.9 | 999.9 | 999.9 |
| 14.9 | 99.9 | 6475.5 | 450.0 | -23.1 | -35.6 | 337.6 | 11.9 | 4.5 | -11.0 | 314.2 | 315.8 | 0.4 | 30.6 | 999.9 | 999.9 |
| 15.9 | 99.9 | 6891.2 | 425.0 | -26.8 | -38.6 | 341.7 | 11.8 | 3.7 | -11.2 | 314.7 | 315.8 | 0.3 | 31.4 | 999.9 | 999.9 |
| 17.0 | 99.9 | 7325.3 | 400.0 | -30.7 | -41.8 | 341.0 | 10.3 | 3.4 | -9.7 | 315.1 | 315.9 | 0.2 | 32.4 | 999.9 | 999.9 |
| 18.5 | 99.9 | 7780.2 | 375.0 | -34.4 | -45.0 | 319.4 | 13.8 | 9.0 | -10.5 | 315.1 | 315.8 | 0.2 | 32.5 | 999.9 | 999.9 |
| 20.1 | 99.9 | 8258.9 | 350.0 | -38.3 | -48.5 | 312.0 | 19.1 | 14.2 | -12.8 | 315.1 | 317.6 | 0.1 | 32.9 | 999.9 | 999.9 |
| 21.7 | 99.9 | 8785.1 | 325.0 | -41.7 | -51.9 | 303.8 | 17.7 | 14.3 | -10.3 | 319.2 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 23.4 | 99.9 | 9302.8 | 300.0 | -45.9 | -50.7 | 293.2 | 17.7 | 16.3 | -7.0 | 320.7 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 24.9 | 99.9 | 10490.3 | 275.0 | -50.7 | -54.4 | 293.7 | 19.4 | 18.0 | -6.7 | 321.8 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 26.7 | 99.9 | 11160.5 | 250.0 | -54.4 | -57.6 | 289.6 | 16.7 | 15.3 | -6.1 | 325.2 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 28.5 | 99.9 | 11903.3 | 225.0 | -57.2 | -59.9 | 281.5 | 20.8 | 20.4 | -4.1 | 330.2 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 30.7 | 99.9 | 12749.3 | 200.0 | -57.2 | -59.9 | 278.7 | 21.4 | 21.1 | -3.6 | 335.7 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 33.3 | 99.9 | 13723.4 | 175.0 | -55.7 | -56.5 | 278.7 | 21.4 | 20.9 | -3.1 | 374.1 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 36.3 | 99.9 | 14897.1 | 150.0 | -54.7 | -54.7 | 282.0 | 21.1 | 20.9 | -2.9 | 396.0 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 39.9 | 99.9 | 16310.0 | 125.0 | -56.8 | -56.8 | 273.4 | 14.7 | 14.6 | -0.9 | 418.0 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 44.5 | 99.9 | 18113.1 | 100.0 | -60.3 | -59.9 | 259.2 | 8.7 | 8.6 | -0.6 | 446.5 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 50.0 | 99.9 | 20644.8 | 75.0 | -56.7 | -59.9 | 313.4 | 0.9 | 0.6 | -0.6 | 509.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 57.7 | 99.9 | 25086.8 | 50.0 | -50.6 | -50.6 | 119.3 | 2.4 | -2.1 | -1.2 | 639.3 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 70.4 | 99.9 | | 25.0 | -50.6 | -50.6 | | | | | | | | | | |

STATION NO. 374
WINSLOW, ARIZONA

25 APRIL 1982
1115 GMT

0 14.

DATA INTERPOLATED FROM NWS SIGNIFICANT LEVEL DATA

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 99.9 | 1487.0 | 850.0 | 4.4 | -6.3 | 210.0 | 1.0 | 0.5 | 0.9 | 290.8 | 298.6 | 2.8 | 45.6 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 900.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 875.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 0.0 | 99.9 | 1487.0 | 850.0 | 4.4 | -6.3 | 210.0 | 1.0 | 0.5 | 0.9 | 290.8 | 298.6 | 2.8 | 45.6 | 999.9 | 999.9 |
| 0.9 | 99.9 | 1735.2 | 825.0 | 11.1 | -9.5 | 279.3 | 4.9 | 4.8 | -0.8 | 300.3 | 307.0 | 2.2 | 22.5 | 999.9 | 999.9 |
| 1.8 | 99.9 | 1991.6 | 800.0 | 10.9 | -10.2 | 291.5 | 7.2 | 6.7 | -2.6 | 302.8 | 309.3 | 2.2 | 21.5 | 999.9 | 999.9 |
| 2.7 | 99.9 | 2256.1 | 775.0 | 10.2 | -10.5 | 301.9 | 7.3 | 6.2 | -3.9 | 304.8 | 311.5 | 2.2 | 22.0 | 999.9 | 999.9 |
| 3.6 | 99.9 | 2527.6 | 750.0 | 8.1 | -11.0 | 313.8 | 7.3 | 5.2 | -5.0 | 305.4 | 312.0 | 2.2 | 24.4 | 999.9 | 999.9 |
| 4.5 | 99.9 | 2806.1 | 725.0 | 5.6 | -10.8 | 322.1 | 5.3 | 4.1 | -5.3 | 305.7 | 312.6 | 2.2 | 29.4 | 999.9 | 999.9 |
| 5.4 | 99.9 | 3091.7 | 700.0 | 3.1 | -10.6 | 323.5 | 5.3 | 3.2 | -4.3 | 305.9 | 313.2 | 2.2 | 35.7 | 999.9 | 999.9 |
| 6.3 | 99.9 | 3385.1 | 675.0 | 0.5 | -10.6 | 318.0 | 4.0 | 2.6 | -2.9 | 306.2 | 313.2 | 2.2 | 38.8 | 999.9 | 999.9 |
| 7.3 | 99.9 | 3686.5 | 650.0 | -2.2 | -12.6 | 315.4 | 3.7 | 2.5 | -2.8 | 306.4 | 312.9 | 2.2 | 45.0 | 999.9 | 999.9 |
| 8.4 | 99.9 | 3996.3 | 625.0 | -5.4 | -13.2 | 302.3 | 3.4 | 2.7 | -2.8 | 306.8 | 312.9 | 2.0 | 57.3 | 999.9 | 999.9 |
| 9.4 | 99.9 | 4315.1 | 600.0 | -8.1 | -15.0 | 294.7 | 2.8 | 2.8 | -1.8 | 308.4 | 312.5 | 1.3 | 72.2 | 999.9 | 999.9 |
| 10.5 | 99.9 | 4644.7 | 575.0 | -10.9 | -20.3 | 288.7 | 2.3 | 2.6 | -1.2 | 308.8 | 312.8 | 1.4 | 88.9 | 999.9 | 999.9 |
| 11.6 | 99.9 | 4985.6 | 550.0 | -13.7 | -20.5 | 289.5 | 2.0 | 2.1 | -0.7 | 309.5 | 312.8 | 1.0 | 107.9 | 999.9 | 999.9 |
| 12.7 | 99.9 | 5338.4 | 525.0 | -15.8 | -24.0 | 269.5 | 2.0 | 2.0 | 0.0 | 311.6 | 312.8 | 0.4 | 128.9 | 999.9 | 999.9 |
| 13.9 | 99.9 | 5705.1 | 500.0 | -17.6 | -33.7 | 251.7 | 3.9 | 3.7 | 1.2 | 313.4 | 313.1 | 0.1 | 151.6 | 999.9 | 999.9 |
| 15.2 | 99.9 | 6087.6 | 475.0 | -19.8 | -48.0 | 259.6 | 7.6 | 7.3 | 1.4 | 314.6 | 313.8 | 0.1 | 176.0 | 999.9 | 999.9 |
| 16.6 | 99.9 | 6486.4 | 450.0 | -22.8 | -46.3 | 271.2 | 10.1 | 10.1 | -0.2 | 315.7 | 315.0 | 0.1 | 201.5 | 999.9 | 999.9 |
| 18.0 | 99.9 | 6902.9 | 425.0 | -26.0 | -44.5 | 285.9 | 11.8 | 11.4 | -3.2 | 316.9 | 316.3 | 0.2 | 228.0 | 999.9 | 999.9 |
| 19.5 | 99.9 | 7339.0 | 400.0 | -29.3 | -42.6 | 300.6 | 15.7 | 13.5 | -8.0 | 317.6 | 317.7 | 0.2 | 254.0 | 999.9 | 999.9 |
| 21.0 | 99.9 | 7796.2 | 375.0 | -33.3 | -46.8 | 302.0 | 19.0 | 16.1 | -10.1 | 318.9 | 318.1 | 0.1 | 281.8 | 999.9 | 999.9 |
| 22.6 | 99.9 | 8277.2 | 350.0 | -37.0 | -50.9 | 306.3 | 22.1 | 17.8 | -13.1 | 320.5 | 322.4 | 99.9 | 309.9 | 999.9 | 999.9 |
| 24.4 | 99.9 | 8785.6 | 325.0 | -40.8 | -59.9 | 307.0 | 24.3 | 19.4 | -14.6 | 322.4 | 322.4 | 99.9 | 338.9 | 999.9 | 999.9 |
| 26.3 | 99.9 | 9325.8 | 300.0 | -44.7 | -69.9 | 309.7 | 30.7 | 23.7 | -19.6 | 324.4 | 324.4 | 99.9 | 369.9 | 999.9 | 999.9 |
| 28.2 | 99.9 | 9902.2 | 275.0 | -49.3 | -79.9 | 313.0 | 38.8 | 28.3 | -26.4 | 325.2 | 325.2 | 99.9 | 400.9 | 999.9 | 999.9 |
| 30.2 | 99.9 | 10520.0 | 250.0 | -54.4 | -89.9 | 317.8 | 41.3 | 30.3 | -28.1 | 326.9 | 326.9 | 99.9 | 431.9 | 999.9 | 999.9 |
| 32.6 | 99.9 | 11190.8 | 225.0 | -56.5 | -99.9 | 307.8 | 42.2 | 33.4 | -25.9 | 327.9 | 327.9 | 99.9 | 463.9 | 999.9 | 999.9 |
| 35.1 | 99.9 | 11931.3 | 200.0 | -59.9 | -99.9 | 305.8 | 39.6 | 32.1 | -23.2 | 328.9 | 328.9 | 99.9 | 495.9 | 999.9 | 999.9 |
| 37.8 | 99.9 | 12766.3 | 175.0 | -59.4 | -99.9 | 298.7 | 32.1 | 28.1 | -15.4 | 329.9 | 329.9 | 99.9 | 527.9 | 999.9 | 999.9 |
| 41.2 | 99.9 | 13735.8 | 150.0 | -59.4 | -99.9 | 291.5 | 31.2 | 29.0 | -11.5 | 329.9 | 329.9 | 99.9 | 559.9 | 999.9 | 999.9 |
| 45.1 | 99.9 | 14876.1 | 125.0 | -59.3 | -99.9 | 292.5 | 19.6 | 18.1 | -7.5 | 327.6 | 327.6 | 99.9 | 591.9 | 999.9 | 999.9 |
| 50.0 | 99.9 | 16279.3 | 100.0 | -57.7 | -99.9 | 278.0 | 13.4 | 13.3 | -4.5 | 415.3 | 415.3 | 99.9 | 623.9 | 999.9 | 999.9 |
| 56.0 | 99.9 | 18083.4 | 75.0 | -60.8 | -99.9 | 292.8 | 11.7 | 10.8 | -0.1 | 500.2 | 500.2 | 99.9 | 655.9 | 999.9 | 999.9 |
| 62.8 | 99.9 | 20587.6 | 50.0 | -60.8 | -99.9 | 292.8 | 0.7 | -0.7 | 0.1 | 531.8 | 531.8 | 99.9 | 687.9 | 999.9 | 999.9 |
| 76.4 | 99.9 | 24980.8 | 25.0 | -53.2 | -99.9 | 241.1 | 0.9 | 0.8 | 0.4 | 531.8 | 531.8 | 99.9 | 719.9 | 999.9 | 999.9 |

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 433
SALEM, ILLINOIS
24 APRIL 1982
1145 GMT

DATA INTERPOLATED FROM NWS SIGNIFICANT LEVEL DATA

0 11

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 99.9 | 175.0 | 1001.6 | 7.3 | -5.2 | 170.0 | 2.6 | -0.4 | 2.5 | 280.3 | 287.3 | 2.6 | 40.6 | 999.9 | 999 |
| 0.1 | 99.9 | 188.2 | 1000.0 | 7.7 | -5.1 | 185.4 | 2.9 | 0.3 | 2.9 | 280.9 | 287.9 | 2.6 | 39.8 | 999.9 | 999 |
| 0.8 | 99.9 | 398.6 | 975.0 | 10.9 | -4.6 | 222.8 | 2.9 | 5.0 | 5.4 | 286.1 | 293.8 | 2.8 | 33.3 | 999.9 | 999 |
| 1.5 | 99.9 | 615.0 | 950.0 | 10.4 | -5.3 | 229.0 | 8.3 | 5.3 | 5.4 | 287.8 | 295.3 | 2.7 | 32.5 | 999.9 | 999 |
| 2.2 | 99.9 | 838.5 | 925.0 | 9.5 | -4.9 | 230.4 | 6.9 | 5.3 | 4.4 | 289.1 | 297.0 | 2.9 | 35.7 | 999.9 | 999 |
| 3.0 | 99.9 | 1063.1 | 900.0 | 8.0 | -21.2 | 223.3 | 5.7 | 3.3 | 4.2 | 289.7 | 292.1 | 0.8 | 10.5 | 999.9 | 999 |
| 3.8 | 99.9 | 1294.5 | 875.0 | 6.5 | -23.5 | 215.8 | 5.7 | 3.3 | 4.6 | 290.5 | 292.5 | 0.7 | 9.4 | 999.9 | 999 |
| 4.6 | 99.9 | 1531.4 | 850.0 | 4.8 | -12.5 | 208.8 | 5.3 | 2.6 | 4.7 | 291.2 | 296.1 | 1.7 | 27.2 | 999.9 | 999 |
| 5.4 | 99.9 | 1773.7 | 825.0 | 2.8 | -10.6 | 205.0 | 5.1 | 2.4 | 4.7 | 291.3 | 297.2 | 2.1 | 37.2 | 999.9 | 999 |
| 6.3 | 99.9 | 2021.7 | 800.0 | 0.6 | -8.5 | 208.5 | 5.1 | 2.4 | 4.5 | 291.8 | 298.9 | 2.5 | 50.2 | 999.9 | 999 |
| 7.1 | 99.9 | 2278.5 | 775.0 | 1.9 | -28.1 | 218.3 | 5.1 | 3.1 | 4.0 | 295.8 | 297.3 | 0.5 | 8.6 | 999.9 | 999 |
| 8.0 | 99.9 | 2541.7 | 750.0 | 1.7 | -27.3 | 221.5 | 4.1 | 3.7 | 3.1 | 299.5 | 301.2 | 0.5 | 8.7 | 999.9 | 999 |
| 9.0 | 99.9 | 2815.2 | 725.0 | 1.7 | -28.3 | 208.4 | 3.6 | 1.6 | 3.2 | 301.4 | 303.0 | 0.5 | 8.5 | 999.9 | 999 |
| 10.0 | 99.9 | 3098.7 | 700.0 | -0.5 | -30.5 | 212.0 | 3.1 | 1.9 | 3.1 | 301.9 | 303.3 | 0.4 | 8.1 | 999.9 | 999 |
| 11.0 | 99.9 | 3386.3 | 675.0 | -2.2 | -32.2 | 235.7 | 3.1 | 2.6 | 3.1 | 303.2 | 304.4 | 0.4 | 7.8 | 999.9 | 999 |
| 12.0 | 99.9 | 3684.9 | 650.0 | -4.0 | -34.0 | 245.8 | 3.6 | 3.3 | 1.5 | 304.5 | 305.6 | 0.3 | 7.5 | 999.9 | 999 |
| 13.1 | 99.9 | 3993.2 | 625.0 | -5.8 | -35.8 | 235.9 | 4.7 | 3.9 | 2.6 | 305.9 | 306.8 | 0.3 | 7.2 | 999.9 | 999 |
| 14.2 | 99.9 | 4311.8 | 600.0 | -7.7 | -37.7 | 239.4 | 5.8 | 4.8 | 3.2 | 307.2 | 308.1 | 0.2 | 6.8 | 999.9 | 999 |
| 15.3 | 99.9 | 4641.6 | 575.0 | -9.7 | -39.7 | 249.7 | 6.5 | 5.6 | 3.2 | 307.7 | 309.4 | 0.2 | 6.5 | 999.9 | 999 |
| 16.6 | 99.9 | 4983.4 | 550.0 | -11.7 | -41.7 | 240.6 | 7.5 | 6.5 | 3.7 | 308.7 | 309.8 | 0.2 | 6.2 | 999.9 | 999 |
| 17.9 | 99.9 | 5338.0 | 525.0 | -14.3 | -43.4 | 249.7 | 7.7 | 7.2 | 3.7 | 310.2 | 310.8 | 0.5 | 6.2 | 999.9 | 999 |
| 19.3 | 99.9 | 5706.0 | 500.0 | -17.2 | -45.3 | 253.3 | 8.2 | 7.9 | 2.4 | 312.1 | 313.0 | 1.0 | 53.2 | 999.9 | 999 |
| 20.7 | 99.9 | 6088.5 | 475.0 | -20.3 | -47.5 | 252.6 | 8.2 | 7.9 | 2.5 | 312.8 | 315.5 | 1.1 | 53.2 | 999.9 | 999 |
| 22.1 | 99.9 | 6486.6 | 450.0 | -23.3 | -49.8 | 240.7 | 7.1 | 6.2 | 3.5 | 313.9 | 316.9 | 0.9 | 69.8 | 999.9 | 999 |
| 23.0 | 99.9 | 6903.0 | 425.0 | -26.0 | -52.0 | 237.8 | 6.7 | 5.7 | 3.6 | 315.6 | 317.9 | 0.7 | 63.8 | 999.9 | 999 |
| 25.2 | 99.9 | 7338.7 | 400.0 | -28.3 | -54.6 | 243.0 | 6.7 | 6.0 | 3.0 | 318.9 | 318.5 | 0.5 | 59.7 | 999.9 | 999 |
| 26.9 | 99.9 | 7796.1 | 375.0 | -33.3 | -59.9 | 235.7 | 7.6 | 6.4 | 4.2 | 317.6 | 318.7 | 0.5 | 50.7 | 999.9 | 999 |
| 28.7 | 99.9 | 8276.4 | 350.0 | -37.7 | -63.6 | 238.0 | 8.0 | 6.8 | 4.2 | 317.9 | 318.7 | 0.2 | 53.7 | 999.9 | 999 |
| 30.8 | 99.9 | 8782.4 | 325.0 | -42.4 | -68.4 | 243.0 | 6.0 | 5.4 | 4.2 | 318.2 | 319.9 | 0.2 | 53.7 | 999.9 | 999 |
| 32.7 | 99.9 | 9318.2 | 300.0 | -46.4 | -73.9 | 249.7 | 7.4 | 7.4 | 2.7 | 320.0 | 322.8 | 0.2 | 53.9 | 999.9 | 999 |
| 34.8 | 99.9 | 9891.6 | 275.0 | -50.0 | -78.9 | 275.2 | 12.6 | 12.6 | 0.1 | 322.8 | 326.8 | 0.2 | 53.9 | 999.9 | 999 |
| 37.1 | 99.9 | 10509.5 | 250.0 | -53.3 | -83.3 | 273.9 | 17.7 | 17.6 | -1.1 | 322.8 | 326.8 | 0.2 | 53.9 | 999.9 | 999 |
| 39.8 | 99.9 | 11184.6 | 225.0 | -55.9 | -85.9 | 272.8 | 20.1 | 20.1 | -1.0 | 326.8 | 326.8 | 0.2 | 53.9 | 999.9 | 999 |
| 42.6 | 99.9 | 11926.8 | 200.0 | -60.1 | -90.9 | 270.8 | 22.6 | 22.6 | -0.3 | 332.6 | 332.6 | 0.2 | 53.9 | 999.9 | 999 |
| 45.8 | 99.9 | 12761.0 | 175.0 | -61.7 | -91.7 | 271.5 | 22.0 | 22.0 | -0.6 | 337.6 | 337.6 | 0.2 | 53.9 | 999.9 | 999 |
| 49.3 | 99.9 | 13729.1 | 150.0 | -67.8 | -99.9 | 272.3 | 23.0 | 23.0 | -2.7 | 351.4 | 351.4 | 0.2 | 53.9 | 999.9 | 999 |
| 53.4 | 99.9 | 14877.4 | 125.0 | -68.5 | -99.9 | 277.4 | 21.1 | 20.9 | -2.7 | 389.1 | 389.1 | 0.2 | 53.9 | 999.9 | 999 |
| 58.1 | 99.9 | 16274.4 | 100.0 | -60.6 | -99.9 | 275.9 | 16.9 | 16.8 | -1.7 | 410.7 | 410.7 | 0.2 | 53.9 | 999.9 | 999 |
| 64.3 | 99.9 | 18063.4 | 75.0 | -60.3 | -99.9 | 278.3 | 12.7 | 12.6 | -1.8 | 446.5 | 446.5 | 0.2 | 53.9 | 999.9 | 999 |
| 72.6 | 99.9 | 20800.4 | 50.0 | -59.2 | -99.9 | 333.0 | 4.2 | 1.9 | -3.7 | 504.0 | 504.0 | 0.2 | 53.9 | 999.9 | 999 |
| 85.3 | 99.9 | 25023.5 | 25.0 | -51.2 | -99.9 | 52.2 | 4.0 | -3.1 | -2.4 | 637.6 | 637.6 | 0.2 | 53.9 | 999.9 | 999 |

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 433
SALEM, ILLINOIS

24 APRIL 1982
2300 GMT

0 10.

DATA INTERPOLATED FROM NWS SIGNIFICANT LEVEL DATA

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT I DG K | E POT I DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DEG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|-----------|
| 0.0 | 99.9 | 175.0 | 997.0 | 18.3 | 1.2 | 200.0 | 5.1 | 1.8 | 4.8 | 291.7 | 303.2 | 4.2 | 31.7 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 0.6 | 99.9 | 355.7 | 975.0 | 17.7 | -11.2 | 188.9 | 6.6 | 1.0 | 6.6 | 293.0 | 297.8 | 1.7 | 12.8 | 999.9 | 999.9 |
| 1.3 | 99.9 | 586.5 | 950.0 | 15.6 | -9.4 | 183.0 | 7.9 | 0.4 | 7.9 | 293.1 | 298.8 | 2.0 | 16.9 | 999.9 | 999.9 |
| 2.1 | 99.9 | 811.5 | 925.0 | 13.5 | -7.5 | 180.9 | 8.3 | 0.1 | 8.3 | 293.1 | 299.8 | 2.3 | 22.4 | 999.9 | 999.9 |
| 2.8 | 99.9 | 1041.0 | 900.0 | 11.3 | -6.9 | 180.2 | 8.6 | 0.0 | 8.6 | 293.2 | 300.4 | 2.5 | 27.2 | 999.9 | 999.9 |
| 3.4 | 99.9 | 1275.2 | 875.0 | 9.0 | -6.9 | 178.7 | 9.0 | -0.2 | 9.0 | 293.2 | 300.6 | 2.6 | 32.0 | 999.9 | 999.9 |
| 4.1 | 99.9 | 1514.2 | 850.0 | 6.7 | -6.6 | 178.8 | 9.4 | -0.5 | 9.4 | 293.2 | 300.9 | 2.7 | 38.0 | 999.9 | 999.9 |
| 4.9 | 99.9 | 1758.4 | 825.0 | 4.6 | -7.0 | 175.2 | 10.2 | -0.8 | 10.2 | 293.5 | 301.2 | 2.7 | 42.5 | 999.9 | 999.9 |
| 5.7 | 99.9 | 2008.2 | 800.0 | 2.4 | -7.5 | 180.4 | 10.3 | 0.1 | 10.3 | 293.7 | 301.5 | 2.7 | 47.9 | 999.9 | 999.9 |
| 6.5 | 99.9 | 2264.1 | 775.0 | 2.2 | -27.8 | 189.6 | 10.5 | 1.8 | 10.4 | 296.2 | 297.7 | 0.5 | 8.6 | 999.9 | 999.9 |
| 7.5 | 99.9 | 2529.6 | 750.0 | 4.1 | -25.9 | 196.1 | 11.6 | 3.2 | 11.1 | 301.0 | 303.0 | 0.6 | 9.0 | 999.9 | 999.9 |
| 8.4 | 99.9 | 2804.9 | 725.0 | 3.6 | -26.4 | 196.6 | 12.4 | 3.5 | 11.8 | 303.4 | 305.3 | 0.5 | 8.9 | 999.9 | 999.9 |
| 9.3 | 99.9 | 3088.5 | 700.0 | 1.6 | -28.4 | 198.6 | 12.2 | 3.5 | 11.7 | 304.3 | 306.0 | 0.5 | 8.5 | 999.9 | 999.9 |
| 10.3 | 99.9 | 3380.2 | 675.0 | -0.4 | -30.4 | 201.0 | 11.8 | 3.8 | 11.2 | 305.2 | 306.7 | 0.4 | 8.1 | 999.9 | 999.9 |
| 11.4 | 99.9 | 3680.6 | 650.0 | -2.5 | -32.5 | 203.0 | 11.3 | 4.0 | 10.5 | 306.2 | 307.5 | 0.4 | 7.8 | 999.9 | 999.9 |
| 12.4 | 99.9 | 3990.5 | 625.0 | -4.6 | -34.5 | 204.6 | 9.9 | 4.0 | 9.0 | 307.2 | 308.7 | 0.4 | 10.1 | 999.9 | 999.9 |
| 13.4 | 99.9 | 4310.4 | 600.0 | -6.7 | -37.9 | 204.6 | 8.8 | 3.7 | 8.0 | 308.4 | 310.4 | 0.6 | 16.5 | 999.9 | 999.9 |
| 14.5 | 99.9 | 4641.4 | 575.0 | -9.1 | -41.2 | 197.8 | 7.9 | 2.4 | 7.5 | 309.3 | 317.4 | 2.7 | 79.4 | 999.9 | 999.9 |
| 15.5 | 99.9 | 4984.1 | 550.0 | -11.5 | -44.2 | 187.4 | 7.7 | 1.0 | 7.6 | 310.4 | 317.5 | 2.3 | 80.2 | 999.9 | 999.9 |
| 16.6 | 99.9 | 5339.3 | 525.0 | -14.4 | -47.1 | 192.8 | 7.6 | 1.7 | 7.4 | 311.1 | 316.1 | 1.6 | 67.3 | 999.9 | 999.9 |
| 17.8 | 99.9 | 5707.7 | 500.0 | -15.6 | -48.4 | 214.8 | 8.5 | 4.8 | 7.0 | 314.5 | 314.5 | 0.1 | 5.5 | 999.9 | 999.9 |
| 19.1 | 99.9 | 6092.6 | 475.0 | -18.4 | -48.4 | 229.1 | 9.8 | 7.4 | 6.4 | 315.2 | 315.5 | 0.1 | 5.1 | 999.9 | 999.9 |
| 20.4 | 99.9 | 6493.7 | 450.0 | -21.2 | -51.2 | 229.5 | 9.8 | 7.4 | 6.3 | 316.5 | 315.8 | 0.1 | 4.7 | 999.9 | 999.9 |
| 21.8 | 99.9 | 6912.8 | 425.0 | -24.5 | -54.5 | 229.5 | 9.6 | 6.7 | 6.3 | 317.6 | 317.8 | 0.1 | 4.2 | 999.9 | 999.9 |
| 23.4 | 99.9 | 7351.1 | 400.0 | -28.2 | -58.2 | 224.9 | 9.6 | 6.8 | 6.8 | 318.4 | 318.5 | 0.0 | 3.8 | 999.9 | 999.9 |
| 25.0 | 99.9 | 7811.0 | 375.0 | -31.2 | -61.2 | 224.9 | 8.2 | 6.3 | 6.8 | 320.3 | 321.3 | 0.3 | 37.5 | 999.9 | 999.9 |
| 26.7 | 99.9 | 8296.6 | 350.0 | -34.7 | -64.7 | 251.4 | 7.7 | 7.8 | 4.4 | 322.0 | 322.7 | 0.2 | 34.8 | 999.9 | 999.9 |
| 28.4 | 99.9 | 8809.5 | 325.0 | -39.1 | -69.9 | 253.0 | 13.5 | 12.9 | 3.9 | 323.6 | 323.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 30.0 | 99.9 | 9352.7 | 300.0 | -43.8 | -74.9 | 255.9 | 19.6 | 19.1 | 4.1 | 325.0 | 325.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 31.9 | 99.9 | 9931.4 | 275.0 | -48.5 | -79.9 | 246.2 | 23.2 | 22.5 | 5.7 | 325.4 | 325.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 33.6 | 99.9 | 10550.5 | 250.0 | -54.3 | -84.9 | 250.4 | 28.2 | 25.8 | 11.4 | 326.5 | 326.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 35.6 | 99.9 | 11217.1 | 225.0 | -60.0 | -89.9 | 250.9 | 32.4 | 30.5 | 10.9 | 326.5 | 326.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 37.9 | 99.9 | 11946.5 | 200.0 | -63.3 | -93.9 | 250.9 | 23.8 | 32.5 | 7.8 | 327.5 | 327.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 40.9 | 99.9 | 12776.5 | 175.0 | -68.8 | -98.9 | 243.0 | 23.1 | 35.9 | 10.5 | 328.0 | 328.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 44.3 | 99.9 | 13746.3 | 150.0 | -58.2 | -99.9 | 249.3 | 19.8 | 18.5 | 7.0 | 328.8 | 328.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 48.3 | 99.9 | 14894.3 | 125.0 | -58.1 | -99.9 | 259.7 | 21.6 | 21.3 | 3.9 | 328.8 | 328.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 53.3 | 99.9 | 16294.3 | 100.0 | -59.4 | -99.9 | 274.2 | 19.4 | 19.3 | -1.4 | 413.0 | 413.0 | 99.9 | 999.9 | 999.9 | 999.9 |
| 59.5 | 99.9 | 18093.7 | 75.0 | -59.3 | -99.9 | 281.8 | 11.9 | 11.6 | -2.4 | 448.7 | 448.7 | 99.9 | 999.9 | 999.9 | 999.9 |
| 68.0 | 99.9 | 20632.8 | 50.0 | -57.5 | -99.9 | 322.0 | 2.6 | 1.6 | -2.0 | 508.0 | 508.0 | 99.9 | 999.9 | 999.9 | 999.9 |
| 81.1 | 99.9 | 25053.2 | 25.0 | -51.8 | -99.9 | 11.6 | 1.1 | -0.2 | -1.1 | 635.7 | 635.7 | 99.9 | 999.9 | 999.9 | 999.9 |

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 433
SALEM, ILLINOIS
25 APRIL 1982
1100 GMT

0 12.

DATA INTERPOLATED FROM NWS SIGNIFICANT LEVEL DATA

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO CM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0 0 | 99.9 | 175.0 | 995.3 | 10.2 | 9.7 | 130.0 | 1.5 | -1.2 | 1.0 | 283.7 | 303.2 | 7.6 | 96.7 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 0 5 | 99.9 | 346.9 | 975.0 | 10.5 | 7.5 | 198.2 | 2.7 | 0.8 | 2.6 | 285.7 | 303.2 | 6.7 | 81.6 | 999.9 | 999.9 |
| 1 3 | 99.9 | 563.6 | 950.0 | 10.4 | 6.1 | 212.6 | 6.4 | 3.5 | 5.4 | 287.7 | 304.1 | 6.2 | 74.6 | 999.9 | 999.9 |
| 2 0 | 99.9 | 785.2 | 925.0 | 8.6 | 5.3 | 208.7 | 10.4 | 5.0 | 9.1 | 288.1 | 304.1 | 5.9 | 79.6 | 999.9 | 999.9 |
| 2 8 | 99.9 | 1011.4 | 900.0 | 6.8 | 4.5 | 203.8 | 12.9 | 5.2 | 11.8 | 288.6 | 304.2 | 5.7 | 85.1 | 999.9 | 999.9 |
| 3 7 | 99.9 | 1242.5 | 875.0 | 5.0 | 3.7 | 198.5 | 12.3 | 3.9 | 11.7 | 289.0 | 304.3 | 5.5 | 91.3 | 999.9 | 999.9 |
| 4 4 | 99.9 | 1478.8 | 850.0 | 3.3 | 2.8 | 200.0 | 11.8 | 4.0 | 11.1 | 289.6 | 304.4 | 5.5 | 96.5 | 999.9 | 999.9 |
| 5 2 | 99.9 | 1721.0 | 825.0 | 2.5 | 2.1 | 209.4 | 11.8 | 5.8 | 10.3 | 291.3 | 305.8 | 5.4 | 96.9 | 999.9 | 999.9 |
| 6 1 | 99.9 | 1969.9 | 800.0 | 1.7 | 1.3 | 221.0 | 11.8 | 7.8 | 8.9 | 293.0 | 307.3 | 5.3 | 97.4 | 999.9 | 999.9 |
| 7 0 | 99.9 | 2225.9 | 775.0 | 0.8 | 0.5 | 221.0 | 11.8 | 7.8 | 8.9 | 294.7 | 307.3 | 5.3 | 97.6 | 999.9 | 999.9 |
| 7 9 | 99.9 | 2489.8 | 750.0 | 0.8 | 0.4 | 215.7 | 12.3 | 7.2 | 10.0 | 297.5 | 308.8 | 5.3 | 97.6 | 999.9 | 999.9 |
| 8 8 | 99.9 | 2762.3 | 725.0 | -0.2 | -0.5 | 219.0 | 13.1 | 8.3 | 10.2 | 299.2 | 312.1 | 5.1 | 98.0 | 999.9 | 999.9 |
| 9 7 | 99.9 | 3043.0 | 700.0 | -1.6 | -1.7 | 225.6 | 14.1 | 9.5 | 9.3 | 300.7 | 314.4 | 4.8 | 98.3 | 999.9 | 999.9 |
| 10 7 | 99.9 | 3332.3 | 675.0 | -3.0 | -3.5 | 226.6 | 14.1 | 10.2 | 9.7 | 302.3 | 314.9 | 4.4 | 96.4 | 999.9 | 999.9 |
| 11 7 | 99.9 | 3630.9 | 650.0 | -4.4 | -5.3 | 220.7 | 15.5 | 10.1 | 11.8 | 304.0 | 315.4 | 4.0 | 93.4 | 999.9 | 999.9 |
| 12 8 | 99.9 | 3939.5 | 625.0 | -6.1 | -7.2 | 215.2 | 15.6 | 9.0 | 12.7 | 305.5 | 315.9 | 3.8 | 91.9 | 999.9 | 999.9 |
| 13 8 | 99.9 | 4258.1 | 600.0 | -8.4 | -9.1 | 220.1 | 15.0 | 9.7 | 11.5 | 308.5 | 316.0 | 3.2 | 94.6 | 999.9 | 999.9 |
| 14 8 | 99.9 | 4587.3 | 575.0 | -10.7 | -11.0 | 226.0 | 15.2 | 11.0 | 10.6 | 307.5 | 316.1 | 2.9 | 97.6 | 999.9 | 999.9 |
| 16 0 | 99.9 | 4930.2 | 550.0 | -12.3 | -13.9 | 221.9 | 15.5 | 11.0 | 12.3 | 309.5 | 318.1 | 1.4 | 53.0 | 999.9 | 999.9 |
| 17 1 | 99.9 | 5284.3 | 525.0 | -14.8 | -22.1 | 216.7 | 17.5 | 10.5 | 14.0 | 310.6 | 314.6 | 1.2 | 53.4 | 999.9 | 999.9 |
| 18 4 | 99.9 | 5651.8 | 500.0 | -17.6 | -21.9 | 210.1 | 17.2 | 8.6 | 14.9 | 311.6 | 315.8 | 1.3 | 58.9 | 999.9 | 999.9 |
| 19 7 | 99.9 | 6033.6 | 475.0 | -20.5 | -31.0 | 198.5 | 16.2 | 5.2 | 15.4 | 312.6 | 314.6 | 0.6 | 38.2 | 999.9 | 999.9 |
| 21 1 | 99.9 | 6431.4 | 450.0 | -23.4 | -53.4 | 201.0 | 16.7 | 8.0 | 15.6 | 313.9 | 314.1 | 0.1 | 4.4 | 999.9 | 999.9 |
| 22 6 | 99.9 | 6847.2 | 425.0 | -26.2 | -56.2 | 207.0 | 19.8 | 9.0 | 17.6 | 315.4 | 315.5 | 0.0 | 4.0 | 999.9 | 999.9 |
| 24 2 | 99.9 | 7283.0 | 400.0 | -29.3 | -59.3 | 207.0 | 23.3 | 10.6 | 20.7 | 316.9 | 317.0 | 0.0 | 3.6 | 999.9 | 999.9 |
| 25 8 | 99.9 | 7740.5 | 375.0 | -32.9 | -62.9 | 206.2 | 21.9 | 9.7 | 19.7 | 318.0 | 318.1 | 0.0 | 3.2 | 999.9 | 999.9 |
| 27 6 | 99.9 | 8222.0 | 350.0 | -36.8 | -66.8 | 207.6 | 20.4 | 9.5 | 18.1 | 319.1 | 319.1 | 0.0 | 2.7 | 999.9 | 999.9 |
| 29 5 | 99.9 | 8730.4 | 325.0 | -41.1 | -69.9 | 211.5 | 20.1 | 10.5 | 17.1 | 320.0 | 319.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 31 5 | 99.9 | 9209.0 | 300.0 | -45.8 | -73.9 | 216.5 | 20.1 | 11.5 | 16.1 | 320.8 | 319.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 33 7 | 99.9 | 9643.3 | 275.0 | -49.7 | -79.9 | 213.3 | 22.7 | 12.5 | 19.0 | 323.2 | 319.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 36 1 | 99.9 | 10463.2 | 250.0 | -52.5 | -84.9 | 217.4 | 28.2 | 17.1 | 22.4 | 328.0 | 319.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 38 7 | 99.9 | 11140.5 | 225.0 | -54.7 | -89.9 | 229.0 | 24.1 | 18.2 | 15.8 | 334.7 | 319.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 41 5 | 99.9 | 11888.3 | 200.0 | -57.8 | -94.9 | 225.5 | 21.1 | 15.1 | 14.8 | 341.2 | 319.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 44 6 | 99.9 | 12731.2 | 175.0 | -57.5 | -99.9 | 235.1 | 21.3 | 17.5 | 12.2 | 355.0 | 319.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 48 2 | 99.9 | 13708.5 | 150.0 | -58.4 | -99.9 | 237.0 | 19.6 | 16.5 | 10.7 | 374.0 | 319.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 52 2 | 99.9 | 14868.8 | 125.0 | -58.4 | -99.9 | 246.7 | 18.2 | 16.5 | 7.6 | 392.9 | 319.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 57 1 | 99.9 | 16278.8 | 100.0 | -58.7 | -99.9 | 258.4 | 18.0 | 16.6 | 3.8 | 414.3 | 319.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 63 3 | 99.9 | 18066.7 | 75.0 | -58.5 | -99.9 | 283.3 | 12.4 | 12.1 | -2.9 | 450.3 | 319.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 71 0 | 99.9 | 20631.7 | 50.0 | -58.0 | -99.9 | 317.0 | 1.5 | 1.1 | -1.1 | 506.8 | 319.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 83 0 | 99.9 | 25060.6 | 25.0 | -52.4 | -99.9 | 101.1 | 3.6 | -3.5 | 0.7 | 634.1 | 319.9 | 99.9 | 99.9 | 999.9 | 999.9 |

STATION NO. 451
DODGE CITY, KANSAS
24 APRIL 1982
1115 GMT

DATA INTERPOLATED FROM NWS SIGNIFICANT LEVEL DATA

0 382

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE NM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 99.9 | 791.0 | 921.7 | 10.0 | 4.0 | 170.0 | 7.7 | -1.3 | 7.6 | 289.8 | 304.7 | 5.5 | 66.2 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 0.7 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 1.4 | 99.9 | 988.3 | 900.0 | 7.7 | 3.1 | 189.6 | 12.2 | 2.0 | 12.0 | 289.4 | 303.6 | 5.3 | 72.6 | 999.9 | 999.9 |
| 2.2 | 99.9 | 1220.3 | 875.0 | 6.4 | 3.3 | 201.8 | 15.9 | 5.9 | 14.7 | 290.4 | 305.4 | 5.6 | 80.7 | 999.9 | 999.9 |
| 3.0 | 99.9 | 1457.9 | 850.0 | 5.1 | 3.6 | 210.2 | 18.0 | 9.1 | 15.6 | 291.5 | 307.2 | 5.9 | 90.0 | 999.9 | 999.9 |
| 3.8 | 99.9 | 1700.7 | 825.0 | 2.1 | 1.2 | 210.6 | 20.0 | 10.2 | 17.2 | 290.9 | 304.6 | 5.1 | 93.4 | 999.9 | 999.9 |
| 4.7 | 99.9 | 1950.0 | 800.0 | 3.3 | 0.8 | 200.2 | 19.1 | 6.6 | 18.0 | 294.6 | 308.6 | 5.1 | 83.9 | 999.9 | 999.9 |
| 5.4 | 99.9 | 2208.5 | 775.0 | 4.8 | 0.6 | 187.8 | 17.5 | -0.2 | 17.4 | 298.9 | 313.2 | 5.2 | 74.2 | 999.9 | 999.9 |
| 6.2 | 99.9 | 2475.4 | 750.0 | 4.5 | -0.5 | 179.3 | 16.1 | -0.2 | 16.1 | 301.5 | 315.4 | 4.6 | 70.0 | 999.9 | 999.9 |
| 7.0 | 99.9 | 2752.4 | 725.0 | 3.4 | -1.8 | 174.5 | 14.8 | -1.4 | 14.7 | 303.2 | 316.4 | 4.5 | 68.9 | 999.9 | 999.9 |
| 7.9 | 99.9 | 3036.6 | 700.0 | 1.6 | -2.8 | 172.0 | 13.9 | -0.5 | 13.8 | 304.3 | 317.1 | 4.5 | 72.5 | 999.9 | 999.9 |
| 8.7 | 99.9 | 3328.6 | 675.0 | -0.8 | -4.2 | 178.1 | 14.8 | -0.5 | 14.8 | 304.8 | 316.5 | 3.9 | 77.8 | 999.9 | 999.9 |
| 9.7 | 99.9 | 3629.0 | 650.0 | -3.3 | -5.6 | 186.4 | 14.9 | 1.7 | 14.8 | 305.2 | 316.2 | 3.6 | 83.9 | 999.9 | 999.9 |
| 10.6 | 99.9 | 3938.3 | 625.0 | -5.9 | -7.1 | 190.3 | 13.9 | 2.2 | 13.7 | 306.5 | 314.9 | 2.8 | 90.9 | 999.9 | 999.9 |
| 11.7 | 99.9 | 4256.9 | 600.0 | -8.4 | -10.7 | 189.1 | 14.2 | 1.8 | 14.1 | 307.6 | 313.0 | 1.8 | 99.9 | 999.9 | 999.9 |
| 12.8 | 99.9 | 4586.1 | 575.0 | -10.6 | -16.9 | 187.3 | 14.8 | 1.6 | 14.7 | 308.8 | 312.1 | 1.0 | 107.5 | 999.9 | 999.9 |
| 13.7 | 99.9 | 4926.7 | 550.0 | -12.9 | -23.4 | 186.2 | 14.9 | 0.6 | 14.9 | 310.9 | 314.0 | 1.0 | 110.7 | 999.9 | 999.9 |
| 14.8 | 99.9 | 5280.2 | 525.0 | -14.6 | -24.7 | 182.1 | 13.3 | 0.1 | 13.3 | 312.5 | 317.3 | 1.2 | 118.2 | 999.9 | 999.9 |
| 15.9 | 99.9 | 5648.9 | 500.0 | -16.0 | -26.3 | 180.2 | 12.4 | 1.5 | 12.3 | 313.5 | 318.8 | 0.4 | 123.1 | 999.9 | 999.9 |
| 17.0 | 99.9 | 6031.9 | 475.0 | -20.5 | -36.1 | 187.1 | 13.9 | 2.4 | 13.7 | 312.6 | 315.4 | 0.5 | 123.0 | 999.9 | 999.9 |
| 18.3 | 99.9 | 6429.7 | 450.0 | -23.6 | -32.9 | 189.8 | 14.2 | 1.0 | 14.1 | 314.3 | 316.6 | 0.7 | 123.0 | 999.9 | 999.9 |
| 19.6 | 99.9 | 6845.0 | 425.0 | -27.1 | -30.5 | 184.2 | 15.2 | 0.7 | 15.2 | 314.8 | 316.9 | 0.6 | 123.0 | 999.9 | 999.9 |
| 99.9 | 99.9 | 7278.2 | 400.0 | -30.9 | -32.4 | 182.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 375.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 350.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 325.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 300.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 275.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 250.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 225.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 200.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 175.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 150.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 125.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 100.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 75.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 50.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 |

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 451
DODGE CITY, KANSAS
24 APRIL 1982
2315 GMT

DATA INTERPOLATED FROM NWS SIGNIFICANT LEVEL DATA

| TIME MIN | ONTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0 | 99.9 | 791.0 | 916.1 | 17.9 | 7.9 | 140.0 | 9.3 | -6.0 | 7.1 | 298.4 | 318.5 | 7.3 | 51.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 0.6 | 99.9 | 941.8 | 900.0 | 14.6 | 6.8 | 145.1 | 13.6 | -7.8 | 11.2 | 296.6 | 315.4 | 6.9 | 59.6 | 999.9 | 999.9 |
| 1.5 | 99.9 | 1179.2 | 875.0 | 12.1 | 6.6 | 148.5 | 16.2 | -8.5 | 13.8 | 296.4 | 315.4 | 7.0 | 59.0 | 999.9 | 999.9 |
| 2.4 | 99.9 | 1421.3 | 850.0 | 9.5 | 6.3 | 152.5 | 14.9 | -6.9 | 13.2 | 296.1 | 314.0 | 6.6 | 80.4 | 999.9 | 999.9 |
| 3.4 | 99.9 | 1658.3 | 825.0 | 7.1 | 4.8 | 160.2 | 13.0 | -4.4 | 12.2 | 296.1 | 314.0 | 6.1 | 85.6 | 999.9 | 999.9 |
| 4.2 | 99.9 | 1921.1 | 800.0 | 5.5 | 3.4 | 169.5 | 12.7 | -2.3 | 12.4 | 297.0 | 313.9 | 5.6 | 88.3 | 999.9 | 999.9 |
| 5.3 | 99.9 | 2180.4 | 775.0 | 3.8 | 1.7 | 179.0 | 10.9 | -0.2 | 10.8 | 297.9 | 313.4 | 5.6 | 88.3 | 999.9 | 999.9 |
| 6.1 | 99.9 | 2446.4 | 750.0 | 2.0 | -0.5 | 190.4 | 8.3 | 2.0 | 10.8 | 298.8 | 312.5 | 4.3 | 83.2 | 999.9 | 999.9 |
| 7.0 | 99.9 | 2719.5 | 725.0 | 0.1 | -2.8 | 204.3 | 5.9 | 3.5 | 7.5 | 299.6 | 311.8 | 4.3 | 80.4 | 999.9 | 999.9 |
| 7.8 | 99.9 | 3000.1 | 700.0 | -1.8 | -5.2 | 210.3 | 3.5 | 5.9 | 5.9 | 300.5 | 311.1 | 3.7 | 77.5 | 999.9 | 999.9 |
| 8.8 | 99.9 | 3288.8 | 675.0 | -3.6 | -7.6 | 208.8 | 5.9 | 2.8 | 5.2 | 301.6 | 310.9 | 2.8 | 74.0 | 999.9 | 999.9 |
| 9.7 | 99.9 | 3586.2 | 650.0 | -5.5 | -10.0 | 202.1 | 5.6 | 2.1 | 5.2 | 302.9 | 310.9 | 2.8 | 74.0 | 999.9 | 999.9 |
| 10.9 | 99.9 | 3892.9 | 625.0 | -7.6 | -17.4 | 189.6 | 5.7 | 0.9 | 5.8 | 303.7 | 308.5 | 1.6 | 45.3 | 999.9 | 999.9 |
| 12.4 | 99.9 | 4209.2 | 600.0 | -10.1 | -20.3 | 182.4 | 4.6 | 0.2 | 4.6 | 304.4 | 308.4 | 1.3 | 42.9 | 999.9 | 999.9 |
| 13.9 | 99.9 | 4535.6 | 575.0 | -12.8 | -22.6 | 180.0 | 5.1 | -0.1 | 5.1 | 305.0 | 308.4 | 1.1 | 42.9 | 999.9 | 999.9 |
| 15.6 | 99.9 | 4873.0 | 550.0 | -15.6 | -24.2 | 192.0 | 5.6 | 1.2 | 5.5 | 305.5 | 309.2 | 0.6 | 32.7 | 999.9 | 999.9 |
| 17.3 | 99.9 | 5222.4 | 525.0 | -17.8 | -30.2 | 205.1 | 6.3 | 2.7 | 5.7 | 307.0 | 309.0 | 0.4 | 32.7 | 999.9 | 999.9 |
| 18.8 | 99.9 | 5585.4 | 500.0 | -20.7 | -34.2 | 213.5 | 5.5 | 3.5 | 5.2 | 307.8 | 309.2 | 0.4 | 32.7 | 999.9 | 999.9 |
| 20.2 | 99.9 | 5982.1 | 475.0 | -24.3 | -36.5 | 204.0 | 5.5 | 2.4 | 5.1 | 307.9 | 309.1 | 0.3 | 31.1 | 999.9 | 999.9 |
| 21.6 | 99.9 | 6353.5 | 450.0 | -27.7 | -37.5 | 207.1 | 5.1 | 2.3 | 4.6 | 308.4 | 309.5 | 0.3 | 31.1 | 999.9 | 999.9 |
| 23.0 | 99.9 | 6761.7 | 425.0 | -31.1 | -39.2 | 220.1 | 5.7 | 3.1 | 4.3 | 309.2 | 309.5 | 0.3 | 31.1 | 999.9 | 999.9 |
| 24.4 | 99.9 | 7188.3 | 400.0 | -34.9 | -40.7 | 231.9 | 8.0 | 6.3 | 5.0 | 309.6 | 310.6 | 0.3 | 31.1 | 999.9 | 999.9 |
| 26.0 | 99.9 | 7635.4 | 375.0 | -38.2 | -42.6 | 228.1 | 13.3 | 9.9 | 8.9 | 311.0 | 311.8 | 0.2 | 31.1 | 999.9 | 999.9 |
| 27.6 | 99.9 | 8107.8 | 350.0 | -40.7 | -43.5 | 204.4 | 18.6 | 7.8 | 17.1 | 313.8 | 309.9 | 0.9 | 31.1 | 999.9 | 999.9 |
| 29.6 | 99.9 | 8609.1 | 325.0 | -43.5 | -46.2 | 202.4 | 9.5 | 7.1 | 8.9 | 316.7 | 309.9 | 0.9 | 31.1 | 999.9 | 999.9 |
| 31.7 | 99.9 | 9148.2 | 300.0 | -46.2 | -48.2 | 200.0 | 7.7 | 3.2 | 6.6 | 322.9 | 309.9 | 0.9 | 31.1 | 999.9 | 999.9 |
| 34.0 | 99.9 | 9732.8 | 275.0 | -48.2 | -50.0 | 209.0 | 5.7 | 2.9 | 5.8 | 327.7 | 309.9 | 0.9 | 31.1 | 999.9 | 999.9 |
| 36.5 | 99.9 | 10372.1 | 250.0 | -50.0 | -52.3 | 209.0 | 5.7 | 2.9 | 5.8 | 327.7 | 309.9 | 0.9 | 31.1 | 999.9 | 999.9 |
| 39.1 | 99.9 | 11070.2 | 225.0 | -52.3 | -54.5 | 224.0 | 10.1 | 5.0 | 5.1 | 334.1 | 309.9 | 0.9 | 31.1 | 999.9 | 999.9 |
| 41.9 | 99.9 | 11840.7 | 200.0 | -54.5 | -56.2 | 234.3 | 11.3 | 8.2 | 5.9 | 344.1 | 309.9 | 0.9 | 31.1 | 999.9 | 999.9 |
| 44.9 | 99.9 | 12710.6 | 175.0 | -56.2 | -58.4 | 241.1 | 13.7 | 9.9 | 5.4 | 354.1 | 309.9 | 0.9 | 31.1 | 999.9 | 999.9 |
| 48.4 | 99.9 | 13704.9 | 150.0 | -58.4 | -60.8 | 255.0 | 14.0 | 13.2 | 3.5 | 379.8 | 309.9 | 0.9 | 31.1 | 999.9 | 999.9 |
| 52.6 | 99.9 | 14883.2 | 125.0 | -60.8 | -63.3 | 267.0 | 15.3 | 15.3 | 3.2 | 418.6 | 309.9 | 0.9 | 31.1 | 999.9 | 999.9 |
| 56.8 | 99.9 | 16308.9 | 100.0 | -63.3 | -65.8 | 264.6 | 12.4 | 12.4 | 1.4 | 449.0 | 309.9 | 0.9 | 31.1 | 999.9 | 999.9 |
| 63.4 | 99.9 | 18118.9 | 75.0 | -65.8 | -68.1 | 276.0 | 12.4 | 12.4 | -0.9 | 507.8 | 309.9 | 0.9 | 31.1 | 999.9 | 999.9 |
| 71.4 | 99.9 | 20667.9 | 50.0 | -68.1 | -70.6 | 276.7 | 12.4 | 12.4 | -0.9 | 538.4 | 309.9 | 0.9 | 31.1 | 999.9 | 999.9 |
| 84.2 | 99.9 | 25112.2 | 25.0 | -70.6 | -75.9 | 75.9 | 3.7 | -3.5 | -0.9 | 638.4 | 309.9 | 0.9 | 31.1 | 999.9 | 999.9 |

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OF POOR QUALITY

STATION NO. 451
DODGE CITY, KANSAS
25 APRIL 1982
1115 GMT

DATA INTERPOLATED FROM NWS SIGNIFICANT LEVEL DATA

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO CM/KG | RH PCT | RANGE NM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 99.9 | 791.0 | 917.5 | 5.6 | 5.0 | 20.0 | 2.1 | -0.7 | -1.9 | 285.7 | 301.3 | 6.0 | 95.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 950.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 0.6 | 99.9 | 949.7 | 925.0 | 7.1 | 6.8 | 6.9 | 1.7 | -0.2 | -1.7 | 288.8 | 307.0 | 6.9 | 98.0 | 999.9 | 999.9 |
| 1.4 | 99.9 | 1181.3 | 875.0 | 6.4 | 5.8 | 329.6 | 1.6 | 0.8 | -1.3 | 290.4 | 308.0 | 6.6 | 95.9 | 999.9 | 999.9 |
| 2.3 | 99.9 | 1420.0 | 825.0 | 6.0 | 5.7 | 317.2 | 2.4 | 1.6 | -1.8 | 292.4 | 310.6 | 6.8 | 97.9 | 999.9 | 999.9 |
| 3.1 | 99.9 | 1664.2 | 800.0 | 4.9 | 3.6 | 343.5 | 3.8 | 1.1 | -3.9 | 293.7 | 310.7 | 6.0 | 91.7 | 999.9 | 999.9 |
| 4.0 | 99.9 | 1916.0 | 800.0 | 4.7 | 1.3 | 4.7 | 5.7 | -0.5 | -5.7 | 296.2 | 309.6 | 5.3 | 78.4 | 999.9 | 999.9 |
| 5.0 | 99.9 | 2174.2 | 775.0 | 2.4 | -0.5 | 20.4 | 7.6 | -2.7 | -7.1 | 296.4 | 308.6 | 4.8 | 81.3 | 999.9 | 999.9 |
| 5.9 | 99.9 | 2438.5 | 725.0 | 0.6 | -3.1 | 15.5 | 9.1 | -2.4 | -8.8 | 297.2 | 307.7 | 4.1 | 76.5 | 999.9 | 999.9 |
| 6.9 | 99.9 | 2710.3 | 725.0 | -0.7 | -6.9 | 1.0 | 10.1 | -0.2 | -10.1 | 298.8 | 307.8 | 3.1 | 62.3 | 999.9 | 999.9 |
| 7.9 | 99.9 | 2989.5 | 700.0 | -3.5 | -8.5 | 356.3 | 10.3 | 0.7 | -10.3 | 298.8 | 306.9 | 2.9 | 68.2 | 999.9 | 999.9 |
| 8.9 | 99.9 | 3276.3 | 675.0 | -5.0 | -14.9 | 0.2 | 9.0 | -0.0 | -9.0 | 300.1 | 305.4 | 1.8 | 45.4 | 999.9 | 999.9 |
| 9.9 | 99.9 | 3572.0 | 625.0 | -6.8 | -21.6 | 8.2 | 8.3 | -1.2 | -8.2 | 301.3 | 304.5 | 1.0 | 29.6 | 999.9 | 999.9 |
| 11.0 | 99.9 | 3877.1 | 625.0 | -8.7 | -28.5 | 13.0 | 8.7 | -2.0 | -8.5 | 302.5 | 304.4 | 0.6 | 18.3 | 999.9 | 999.9 |
| 12.1 | 99.9 | 4192.3 | 600.0 | -10.6 | -35.6 | 17.9 | 8.8 | -2.7 | -8.3 | 303.8 | 304.8 | 0.3 | 10.6 | 999.9 | 999.9 |
| 13.3 | 99.9 | 4518.3 | 575.0 | -12.7 | -42.3 | 14.2 | 9.0 | -2.2 | -8.7 | 305.1 | 305.7 | 0.2 | 6.2 | 999.9 | 999.9 |
| 14.4 | 99.9 | 4855.7 | 550.0 | -15.3 | -49.8 | 8.6 | 10.0 | -1.5 | -9.9 | 305.9 | 306.5 | 0.2 | 10.2 | 999.9 | 999.9 |
| 15.5 | 99.9 | 5205.2 | 525.0 | -18.1 | -57.2 | 8.6 | 9.8 | -1.5 | -9.7 | 306.7 | 307.7 | 0.2 | 15.9 | 999.9 | 999.9 |
| 16.7 | 99.9 | 5567.7 | 500.0 | -21.0 | -64.4 | 2.9 | 9.9 | -0.4 | -9.9 | 307.4 | 308.8 | 0.4 | 28.6 | 999.9 | 999.9 |
| 18.1 | 99.9 | 5944.6 | 475.0 | -23.7 | -71.9 | 10.6 | 7.6 | -1.4 | -7.4 | 307.4 | 309.4 | 0.2 | 18.6 | 999.9 | 999.9 |
| 19.5 | 99.9 | 6337.3 | 450.0 | -26.6 | -79.9 | 22.4 | 4.6 | -1.8 | -4.3 | 309.8 | 310.2 | 0.1 | 11.3 | 999.9 | 999.9 |
| 21.0 | 99.9 | 6747.6 | 425.0 | -29.7 | -87.2 | 347.1 | 3.1 | 0.7 | -3.0 | 311.0 | 311.2 | 0.0 | 6.2 | 999.9 | 999.9 |
| 22.6 | 99.9 | 7177.1 | 400.0 | -32.9 | -95.2 | 266.8 | 3.3 | 3.3 | 0.2 | 312.2 | 312.7 | 0.0 | 14.5 | 999.9 | 999.9 |
| 24.3 | 99.9 | 7627.3 | 375.0 | -37.1 | -104.4 | 246.0 | 3.1 | 2.8 | 1.3 | 312.4 | 312.7 | 0.1 | 99.9 | 999.9 | 999.9 |
| 26.1 | 99.9 | 8099.8 | 350.0 | -41.3 | -112.9 | 195.7 | 2.6 | 0.7 | 2.5 | 313.1 | 312.7 | 99.9 | 99.9 | 999.9 | 999.9 |
| 27.8 | 99.9 | 8599.0 | 325.0 | -45.1 | -121.9 | 209.5 | 2.5 | 1.2 | 2.2 | 314.5 | 312.7 | 99.9 | 99.9 | 999.9 | 999.9 |
| 29.7 | 99.9 | 9128.9 | 300.0 | -49.2 | -130.9 | 338.3 | 2.2 | 1.2 | -2.9 | 316.0 | 312.7 | 99.9 | 99.9 | 999.9 | 999.9 |
| 31.8 | 99.9 | 9701.8 | 275.0 | -47.9 | -139.9 | 348.8 | 8.5 | 1.6 | -6.3 | 325.9 | 312.7 | 99.9 | 99.9 | 999.9 | 999.9 |
| 34.1 | 99.9 | 10330.2 | 250.0 | -48.2 | -149.9 | 339.4 | 7.2 | 2.5 | -6.8 | 334.4 | 312.7 | 99.9 | 99.9 | 999.9 | 999.9 |
| 36.5 | 99.9 | 11022.5 | 225.0 | -49.5 | -159.9 | 294.3 | 7.7 | 6.7 | -3.7 | 342.7 | 312.7 | 99.9 | 99.9 | 999.9 | 999.9 |
| 39.2 | 99.9 | 11791.8 | 200.0 | -50.9 | -169.9 | 274.1 | 7.3 | 6.0 | -3.0 | 352.2 | 312.7 | 99.9 | 99.9 | 999.9 | 999.9 |
| 42.1 | 99.9 | 12654.2 | 175.0 | -52.0 | -179.9 | 256.8 | 10.8 | 10.8 | -0.8 | 364.0 | 312.7 | 99.9 | 99.9 | 999.9 | 999.9 |
| 45.7 | 99.9 | 13655.0 | 150.0 | -52.1 | -189.9 | 271.6 | 13.3 | 13.0 | -0.4 | 398.1 | 312.7 | 99.9 | 99.9 | 999.9 | 999.9 |
| 49.7 | 99.9 | 14831.7 | 125.0 | -53.5 | -199.9 | 244.8 | 12.8 | 12.8 | -0.4 | 420.9 | 312.7 | 99.9 | 99.9 | 999.9 | 999.9 |
| 54.6 | 99.9 | 16261.4 | 100.0 | -55.3 | -209.9 | 273.0 | 11.8 | 11.8 | -0.6 | 448.7 | 312.7 | 99.9 | 99.9 | 999.9 | 999.9 |
| 60.0 | 99.9 | 18080.6 | 75.0 | -58.3 | -219.9 | 213.2 | 4.0 | 2.2 | -3.4 | 507.3 | 312.7 | 99.9 | 99.9 | 999.9 | 999.9 |
| 67.6 | 99.9 | 20622.5 | 50.0 | -57.8 | -229.9 | 58.4 | 2.9 | -2.5 | -1.5 | 633.6 | 312.7 | 99.9 | 99.9 | 999.9 | 999.9 |
| 78.6 | 99.9 | 25072.3 | 25.0 | -52.6 | -239.9 | 58.4 | 2.9 | -2.5 | -1.5 | 633.6 | 312.7 | 99.9 | 99.9 | 999.9 | 999.9 |

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ORIGINAL PAGE 19
OF POOR QUALITY

STATION NO. 456
TOPEKA, KANSAS

24 APRIL 1982
1100 GMT

DATA INTERPOLATED FROM NWS SIGNIFICANT LEVEL DATA

0 14

| TIME MIN | CHTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 99.9 | 268.0 | 986.6 | 6.7 | -1.0 | 210.0 | 2.6 | 1.3 | 2.2 | 280.9 | 290.4 | 3.6 | 57.9 | 999.9 | 999.9 |
| 93.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 0.3 | 99.9 | 365.6 | 975.0 | 9.1 | 1.2 | 214.5 | 6.7 | 3.8 | 5.5 | 284.4 | 295.7 | 4.3 | 57.3 | 999.9 | 999.9 |
| 1.2 | 99.9 | 582.6 | 950.0 | 12.4 | 0.9 | 217.7 | 14.7 | 9.0 | 11.6 | 289.8 | 301.5 | 4.3 | 45.4 | 999.9 | 999.9 |
| 2.0 | 99.9 | 806.0 | 925.0 | 11.4 | 0.3 | 223.9 | 15.9 | 11.1 | 11.5 | 290.9 | 302.5 | 4.2 | 46.6 | 999.9 | 999.9 |
| 2.8 | 99.9 | 1034.2 | 900.0 | 9.5 | -0.3 | 221.5 | 15.5 | 10.3 | 11.6 | 291.3 | 302.5 | 4.2 | 50.4 | 999.9 | 999.9 |
| 3.7 | 99.9 | 1267.2 | 875.0 | 7.5 | -1.0 | 215.3 | 14.4 | 8.3 | 11.7 | 291.6 | 302.5 | 4.1 | 54.7 | 999.9 | 999.9 |
| 4.5 | 99.9 | 1505.2 | 850.0 | 5.5 | -1.7 | 211.0 | 13.4 | 6.9 | 11.5 | 291.9 | 302.9 | 4.0 | 59.7 | 999.9 | 999.9 |
| 5.4 | 99.9 | 1748.8 | 825.0 | 3.9 | -1.9 | 211.6 | 12.4 | 6.5 | 10.6 | 292.8 | 303.9 | 4.0 | 65.5 | 999.9 | 999.9 |
| 6.3 | 99.9 | 1998.4 | 800.0 | 2.5 | -0.8 | 217.0 | 11.3 | 6.8 | 9.0 | 293.8 | 306.3 | 4.5 | 78.6 | 999.9 | 999.9 |
| 7.3 | 99.9 | 2255.3 | 775.0 | 2.0 | 0.7 | 225.4 | 10.0 | 7.1 | 7.0 | 295.0 | 310.4 | 5.2 | 91.0 | 999.9 | 999.9 |
| 8.3 | 99.9 | 2520.3 | 750.0 | 1.6 | 0.0 | 224.9 | 9.0 | 6.4 | 6.4 | 298.0 | 313.2 | 5.4 | 93.4 | 999.9 | 999.9 |
| 9.4 | 99.9 | 2793.7 | 725.0 | 0.9 | 0.0 | 211.8 | 9.1 | 4.8 | 7.7 | 300.5 | 315.3 | 5.3 | 93.4 | 999.9 | 999.9 |
| 10.5 | 99.9 | 3075.7 | 700.0 | -0.2 | -1.7 | 208.6 | 10.3 | 4.9 | 9.0 | 302.3 | 316.0 | 4.8 | 89.6 | 999.9 | 999.9 |
| 11.6 | 99.9 | 3367.1 | 675.0 | -0.6 | -2.6 | 206.5 | 8.9 | 4.4 | 8.8 | 304.9 | 318.5 | 4.7 | 86.7 | 999.9 | 999.9 |
| 12.8 | 99.9 | 3658.6 | 650.0 | -2.0 | -4.4 | 192.1 | 8.0 | 1.7 | 7.9 | 306.7 | 319.1 | 4.2 | 83.4 | 999.9 | 999.9 |
| 14.0 | 99.9 | 3979.7 | 625.0 | -4.0 | -6.9 | 196.8 | 8.2 | 2.4 | 7.9 | 307.9 | 318.7 | 3.6 | 79.8 | 999.9 | 999.9 |
| 15.3 | 99.9 | 4301.1 | 600.0 | -6.0 | -9.7 | 206.7 | 7.5 | 3.3 | 6.7 | 309.2 | 318.4 | 3.1 | 75.1 | 999.9 | 999.9 |
| 16.6 | 99.9 | 4633.0 | 575.0 | -8.4 | -15.4 | 206.3 | 7.6 | 3.4 | 6.9 | 310.2 | 316.3 | 2.0 | 56.7 | 999.9 | 999.9 |
| 18.0 | 99.9 | 4976.7 | 550.0 | -10.5 | -21.9 | 205.0 | 10.2 | 4.3 | 9.3 | 311.7 | 315.5 | 1.2 | 38.4 | 999.9 | 999.9 |
| 19.4 | 99.9 | 5333.8 | 525.0 | -12.7 | -42.7 | 217.3 | 10.1 | 6.1 | 8.0 | 313.2 | 313.8 | 0.2 | 6.0 | 999.9 | 999.9 |
| 20.9 | 99.9 | 5703.8 | 500.0 | -15.1 | -45.1 | 221.9 | 8.4 | 5.6 | 6.2 | 314.6 | 315.1 | 0.1 | 5.8 | 999.9 | 999.9 |
| 22.4 | 99.9 | 6090.0 | 475.0 | -17.5 | -47.5 | 227.0 | 8.6 | 8.3 | 5.9 | 316.3 | 316.7 | 0.1 | 5.3 | 999.9 | 999.9 |
| 23.8 | 99.9 | 6492.3 | 450.0 | -20.8 | -50.8 | 230.3 | 10.1 | 7.8 | 6.5 | 317.1 | 317.4 | 0.1 | 4.8 | 999.9 | 999.9 |
| 25.4 | 99.9 | 6911.8 | 425.0 | -24.4 | -54.4 | 230.7 | 9.7 | 7.5 | 6.2 | 317.8 | 318.0 | 0.1 | 4.3 | 999.9 | 999.9 |
| 27.0 | 99.9 | 7350.3 | 400.0 | -28.1 | -58.1 | 230.0 | 10.3 | 7.9 | 6.6 | 318.5 | 318.6 | 0.0 | 3.8 | 999.9 | 999.9 |
| 28.7 | 99.9 | 7810.1 | 375.0 | -31.8 | -61.5 | 226.9 | 11.7 | 8.5 | 8.0 | 319.5 | 319.8 | 0.1 | 3.5 | 999.9 | 999.9 |
| 30.5 | 99.9 | 8293.9 | 350.0 | -35.8 | -65.8 | 227.0 | 12.8 | 9.4 | 8.8 | 320.4 | 320.9 | 0.1 | 2.4 | 999.9 | 999.9 |
| 32.3 | 99.9 | 8803.9 | 325.0 | -40.7 | -70.7 | 232.4 | 15.9 | 12.6 | 9.7 | 320.6 | 320.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 34.3 | 99.9 | 9342.4 | 300.0 | -46.3 | -76.3 | 237.4 | 20.3 | 17.1 | 10.9 | 320.1 | 320.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 36.4 | 99.9 | 9914.7 | 275.0 | -50.9 | -80.9 | 238.0 | 16.3 | 13.9 | 8.6 | 321.5 | 320.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 38.8 | 99.9 | 10528.2 | 250.0 | -55.9 | -85.9 | 241.6 | 8.3 | 7.3 | 3.9 | 323.2 | 320.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 41.2 | 99.9 | 11192.6 | 225.0 | -58.8 | -88.8 | 218.9 | 9.5 | 6.0 | 7.4 | 328.1 | 320.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 44.0 | 99.9 | 11934.0 | 200.0 | -57.2 | -87.2 | 256.0 | 14.9 | 14.5 | 3.6 | 332.2 | 320.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 47.1 | 99.9 | 12773.3 | 175.0 | -57.7 | -87.7 | 245.0 | 17.6 | 16.0 | 2.4 | 353.1 | 320.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 50.6 | 99.9 | 13747.4 | 150.0 | -55.8 | -85.8 | 253.8 | 18.5 | 17.8 | 5.2 | 374.3 | 320.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 54.6 | 99.9 | 14904.4 | 125.0 | -57.2 | -87.2 | 261.9 | 16.7 | 16.5 | 2.4 | 391.4 | 320.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 59.4 | 99.9 | 16310.4 | 100.0 | -58.9 | -89.9 | 265.4 | 16.8 | 18.5 | 1.3 | 413.9 | 320.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 65.5 | 99.9 | 18119.3 | 75.0 | -59.3 | -90.3 | 283.4 | 11.3 | 11.0 | -2.6 | 448.6 | 320.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 74.2 | 99.9 | 20688.5 | 50.0 | -55.4 | -85.4 | 17.4 | 4.0 | -1.2 | -3.8 | 512.9 | 320.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 88.4 | 99.9 | 25151.4 | 25.0 | -50.0 | -80.0 | 83.8 | 6.7 | -6.7 | -0.7 | 640.8 | 320.9 | 99.9 | 99.9 | 999.9 | 999.9 |

STATION NO. 456
TOPEKA, KANSAS
24 APRIL 1982
2300 GMT

DATA INTERPOLATED FROM NWS SIGNIFICANT LEVEL DATA

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO CM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 99.9 | 288.0 | 981.0 | 18.3 | 1.6 | 190.0 | 6.7 | 1.2 | 6.6 | 293.1 | 305.1 | 4.4 | 32.6 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 0.1 | 99.9 | 320.5 | 975.0 | 18.5 | 2.1 | 189.3 | 7.0 | 1.1 | 6.9 | 293.8 | 306.4 | 4.6 | 33.4 | 999.9 | 999.9 |
| 0.7 | 99.9 | 542.7 | 950.0 | 16.9 | 2.2 | 186.3 | 8.4 | 0.9 | 8.4 | 294.4 | 307.2 | 4.7 | 37.1 | 999.9 | 999.9 |
| 1.3 | 99.9 | 769.0 | 925.0 | 14.7 | 1.7 | 186.2 | 9.7 | 1.1 | 9.6 | 294.3 | 307.2 | 4.7 | 41.3 | 999.9 | 999.9 |
| 1.9 | 99.9 | 999.7 | 900.0 | 12.3 | 1.1 | 188.7 | 10.7 | 1.6 | 10.5 | 294.2 | 307.0 | 4.6 | 46.2 | 999.9 | 999.9 |
| 2.5 | 99.9 | 1235.0 | 875.0 | 10.0 | 0.6 | 190.1 | 11.4 | 2.0 | 11.2 | 294.1 | 306.7 | 4.6 | 52.0 | 999.9 | 999.9 |
| 3.2 | 99.9 | 1475.0 | 850.0 | 7.5 | 0.0 | 190.3 | 11.6 | 2.1 | 11.4 | 294.0 | 306.4 | 4.5 | 58.9 | 999.9 | 999.9 |
| 4.1 | 99.9 | 1720.1 | 825.0 | 5.2 | 0.1 | 186.9 | 10.8 | 1.2 | 10.7 | 294.1 | 307.0 | 4.7 | 69.4 | 999.9 | 999.9 |
| 5.0 | 99.9 | 1970.6 | 800.0 | 2.8 | 0.1 | 186.0 | 10.8 | 1.1 | 10.6 | 294.2 | 307.5 | 4.8 | 82.2 | 999.9 | 999.9 |
| 5.9 | 99.9 | 2227.0 | 775.0 | 1.1 | 0.5 | 200.1 | 9.4 | 3.2 | 8.8 | 295.0 | 309.1 | 5.1 | 96.0 | 999.9 | 999.9 |
| 6.8 | 99.9 | 2491.4 | 750.0 | 1.1 | 0.9 | 212.0 | 9.2 | 4.9 | 7.8 | 297.8 | 312.9 | 5.4 | 98.2 | 999.9 | 999.9 |
| 7.7 | 99.9 | 2764.2 | 725.0 | 0.3 | -0.1 | 202.7 | 9.2 | 3.6 | 8.5 | 299.8 | 314.5 | 5.3 | 97.3 | 999.9 | 999.9 |
| 8.7 | 99.9 | 3045.7 | 700.0 | -0.6 | -1.1 | 188.0 | 7.7 | 1.1 | 7.7 | 301.8 | 316.1 | 5.1 | 96.4 | 999.9 | 999.9 |
| 9.7 | 99.9 | 3335.9 | 675.0 | -2.5 | -3.2 | 178.4 | 7.2 | -0.3 | 7.2 | 302.8 | 315.7 | 4.5 | 95.2 | 999.9 | 999.9 |
| 10.7 | 99.9 | 3634.7 | 650.0 | -4.5 | -5.3 | 178.4 | 9.4 | -0.3 | 9.4 | 302.8 | 315.4 | 4.0 | 93.9 | 999.9 | 999.9 |
| 11.8 | 99.9 | 3942.5 | 625.0 | -6.5 | -7.6 | 183.2 | 12.3 | 0.7 | 12.3 | 305.0 | 315.1 | 3.5 | 92.5 | 999.9 | 999.9 |
| 12.9 | 99.9 | 4281.0 | 600.0 | -8.7 | -9.9 | 191.3 | 12.9 | 2.5 | 12.6 | 306.1 | 315.0 | 3.0 | 91.1 | 999.9 | 999.9 |
| 14.1 | 99.9 | 4589.8 | 575.0 | -10.9 | -12.3 | 202.4 | 11.8 | 4.5 | 10.9 | 307.2 | 314.9 | 2.6 | 89.5 | 999.9 | 999.9 |
| 15.3 | 99.9 | 4930.2 | 550.0 | -13.3 | -14.9 | 207.5 | 10.5 | 4.9 | 9.3 | 308.3 | 315.0 | 2.2 | 87.9 | 999.9 | 999.9 |
| 16.6 | 99.9 | 5283.0 | 525.0 | -15.7 | -17.5 | 210.7 | 9.8 | 5.0 | 8.4 | 309.5 | 315.2 | 1.8 | 86.1 | 999.9 | 999.9 |
| 17.9 | 99.9 | 5649.5 | 500.0 | -18.3 | -20.3 | 210.2 | 9.3 | 4.7 | 8.1 | 310.7 | 315.5 | 1.5 | 84.2 | 999.9 | 999.9 |
| 19.3 | 99.9 | 6030.8 | 475.0 | -20.8 | -24.0 | 198.1 | 9.3 | 2.9 | 8.8 | 312.3 | 316.0 | 1.2 | 83.2 | 999.9 | 999.9 |
| 20.6 | 99.9 | 6428.2 | 450.0 | -24.0 | -26.0 | 189.7 | 11.4 | 1.9 | 10.8 | 313.1 | 316.4 | 1.0 | 82.2 | 999.9 | 999.9 |
| 22.0 | 99.9 | 6842.6 | 425.0 | -27.1 | -34.3 | 184.1 | 10.8 | 0.8 | 10.8 | 314.3 | 315.9 | 0.5 | 80.2 | 999.9 | 999.9 |
| 23.5 | 99.9 | 7277.3 | 400.0 | -29.9 | -45.1 | 180.0 | 11.1 | -0.0 | 11.1 | 316.1 | 316.7 | 0.2 | 78.0 | 999.9 | 999.9 |
| 25.1 | 99.9 | 7733.9 | 375.0 | -33.4 | -48.1 | 183.0 | 11.3 | 0.6 | 11.3 | 317.4 | 317.8 | 0.1 | 76.1 | 999.9 | 999.9 |
| 26.8 | 99.9 | 8214.6 | 350.0 | -37.2 | -53.3 | 181.4 | 11.3 | 0.3 | 11.3 | 318.6 | 318.6 | 0.1 | 74.1 | 999.9 | 999.9 |
| 28.6 | 99.9 | 8722.4 | 325.0 | -41.1 | -59.9 | 185.4 | 15.1 | 1.4 | 15.0 | 320.0 | 319.6 | 99.9 | 99.9 | 999.9 | 999.9 |
| 30.6 | 99.9 | 9261.5 | 300.0 | -45.3 | -66.9 | 186.0 | 19.8 | 2.1 | 19.7 | 321.5 | 319.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 32.9 | 99.9 | 9837.5 | 275.0 | -49.0 | -73.9 | 190.0 | 22.6 | 3.9 | 22.3 | 324.2 | 319.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 35.4 | 99.9 | 10457.5 | 250.0 | -53.1 | -80.9 | 195.4 | 23.6 | 6.3 | 22.7 | 327.1 | 319.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 38.0 | 99.9 | 11132.3 | 225.0 | -56.9 | -87.9 | 193.0 | 16.6 | 3.8 | 16.2 | 332.8 | 319.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 40.9 | 99.9 | 11880.5 | 200.0 | -59.3 | -94.9 | 208.3 | 19.4 | 9.2 | 17.1 | 343.6 | 319.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 43.9 | 99.9 | 12723.6 | 175.0 | -57.8 | -99.9 | 232.1 | 12.5 | 9.6 | 7.7 | 354.6 | 319.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 47.7 | 99.9 | 13703.5 | 150.0 | -54.5 | -99.9 | 237.8 | 17.4 | 14.7 | 9.3 | 376.2 | 319.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 51.9 | 99.9 | 14865.8 | 125.0 | -56.5 | -99.9 | 247.9 | 18.0 | 16.7 | 6.8 | 392.7 | 319.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 57.1 | 99.9 | 16273.7 | 100.0 | -59.0 | -99.9 | 269.7 | 16.8 | 16.8 | 0.1 | 413.7 | 319.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 63.3 | 99.9 | 18076.9 | 75.0 | -59.3 | -99.9 | 268.4 | 12.7 | 12.7 | 0.4 | 448.6 | 319.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 71.9 | 99.9 | 20626.1 | 50.0 | -57.3 | -99.9 | 277.2 | 5.7 | 5.6 | -0.7 | 508.5 | 319.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 84.9 | 99.9 | 25057.0 | 25.0 | -52.1 | -99.9 | 85.3 | 2.5 | -2.5 | -0.2 | 634.9 | 319.9 | 99.9 | 99.9 | 999.9 | 999.9 |

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 456
TOPEKA, KANSAS

25 APRIL 1982
1100 GMT

DATA INTERPOLATED FROM NWS SIGNIFICANT LEVEL DATA

0 17.

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|---------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 99.9 | 268.0 | 799.3 | 8.9 | 4.4 | 130.0 | 2.1 | -1.8 | 1.3 | 283.8 | 297.7 | 5.4 | 73.4 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 0.2 | 99.9 | 304.5 | 795.0 | 9.3 | 4.8 | 147.0 | 2.3 | -1.3 | 2.0 | 284.5 | 299.0 | 5.6 | 73.6 | 999.9 | 999.9 |
| 1.0 | 99.9 | 520.3 | 950.0 | 9.3 | 4.8 | 182.5 | 5.0 | 0.2 | 5.0 | 286.6 | 301.6 | 5.7 | 73.6 | 999.9 | 999.9 |
| 1.8 | 99.9 | 741.5 | 925.0 | 8.7 | 5.4 | 214.7 | 5.7 | 2.3 | 4.7 | 288.2 | 304.3 | 6.1 | 80.0 | 999.9 | 999.9 |
| 2.6 | 99.9 | 968.3 | 900.0 | 8.0 | 7.2 | 236.9 | 6.4 | 5.4 | 3.5 | 289.8 | 308.6 | 7.1 | 80.0 | 999.9 | 999.9 |
| 3.5 | 99.9 | 1200.8 | 875.0 | 6.9 | 6.2 | 237.2 | 6.4 | 5.4 | 3.5 | 289.9 | 309.1 | 6.8 | 94.8 | 999.9 | 999.9 |
| 4.3 | 99.9 | 1439.0 | 850.0 | 5.7 | 5.1 | 215.2 | 6.0 | 5.4 | 3.5 | 289.9 | 309.1 | 6.8 | 94.8 | 999.9 | 999.9 |
| 5.2 | 99.9 | 1683.4 | 825.0 | 4.7 | 4.1 | 183.8 | 6.0 | 5.4 | 3.5 | 289.9 | 309.1 | 6.8 | 94.8 | 999.9 | 999.9 |
| 6.1 | 99.9 | 1934.3 | 800.0 | 3.7 | 3.1 | 158.2 | 7.3 | 0.4 | 6.6 | 292.6 | 310.5 | 6.3 | 95.9 | 999.9 | 999.9 |
| 7.0 | 99.9 | 2192.1 | 775.0 | 2.4 | 1.9 | 149.2 | 8.7 | -2.7 | 6.8 | 295.1 | 311.4 | 6.0 | 96.3 | 999.9 | 999.9 |
| 7.9 | 99.9 | 2456.8 | 750.0 | 0.6 | 1.9 | 149.2 | 9.2 | -4.5 | 7.5 | 296.4 | 312.0 | 5.7 | 96.0 | 999.9 | 999.9 |
| 8.8 | 99.9 | 2728.5 | 725.0 | -1.3 | -0.3 | 149.0 | 9.2 | -4.7 | 7.9 | 297.3 | 311.2 | 5.0 | 93.4 | 999.9 | 999.9 |
| 9.8 | 99.9 | 3007.6 | 700.0 | -3.2 | -2.6 | 154.7 | 8.8 | -3.8 | 8.0 | 298.1 | 310.4 | 4.4 | 90.8 | 999.9 | 999.9 |
| 10.7 | 99.9 | 3294.3 | 675.0 | -5.9 | -4.9 | 162.8 | 10.0 | -3.0 | 9.5 | 299.0 | 308.7 | 3.8 | 88.0 | 999.9 | 999.9 |
| 11.6 | 99.9 | 3588.6 | 650.0 | -8.2 | -8.9 | 166.8 | 10.3 | -2.4 | 10.0 | 299.0 | 308.7 | 3.8 | 88.0 | 999.9 | 999.9 |
| 12.6 | 99.9 | 3892.1 | 625.0 | -9.5 | -20.2 | 175.2 | 9.8 | -0.7 | 9.9 | 299.7 | 305.8 | 2.7 | 73.3 | 999.9 | 999.9 |
| 13.6 | 99.9 | 4207.3 | 600.0 | -10.4 | -25.7 | 186.6 | 8.9 | 1.0 | 8.8 | 301.6 | 302.2 | 0.8 | 37.2 | 999.9 | 999.9 |
| 14.6 | 99.9 | 4533.7 | 575.0 | -12.7 | -25.7 | 191.8 | 10.2 | 2.1 | 9.9 | 305.1 | 306.6 | 0.8 | 27.1 | 999.9 | 999.9 |
| 15.6 | 99.9 | 4871.6 | 550.0 | -15.2 | -21.1 | 193.2 | 12.8 | 2.9 | 12.5 | 308.1 | 310.9 | 1.3 | 76.3 | 999.9 | 999.9 |
| 16.6 | 99.9 | 5222.0 | 525.0 | -17.2 | -21.1 | 196.6 | 12.0 | 3.4 | 11.5 | 308.1 | 310.9 | 1.3 | 60.5 | 999.9 | 999.9 |
| 17.6 | 99.9 | 5585.8 | 500.0 | -20.3 | -25.5 | 202.7 | 11.0 | 4.2 | 10.1 | 308.3 | 311.4 | 1.0 | 67.4 | 999.9 | 999.9 |
| 18.6 | 99.9 | 5964.1 | 475.0 | -22.8 | -37.0 | 210.7 | 11.6 | 5.9 | 10.0 | 309.7 | 311.4 | 0.3 | 62.9 | 999.9 | 999.9 |
| 19.6 | 99.9 | 6358.5 | 450.0 | -25.3 | -47.4 | 212.6 | 11.4 | 4.4 | 10.5 | 309.7 | 310.9 | 0.1 | 25.9 | 999.9 | 999.9 |
| 20.6 | 99.9 | 6771.3 | 425.0 | -27.9 | -57.3 | 215.4 | 11.8 | 6.5 | 9.9 | 311.4 | 311.8 | 0.1 | 10.6 | 999.9 | 999.9 |
| 21.6 | 99.9 | 7203.3 | 400.0 | -32.0 | -62.0 | 225.4 | 11.3 | 8.0 | 8.0 | 313.3 | 313.4 | 0.0 | 4.1 | 999.9 | 999.9 |
| 22.6 | 99.9 | 7655.5 | 375.0 | -35.9 | -65.9 | 225.0 | 11.3 | 10.9 | 6.1 | 314.1 | 313.5 | 0.0 | 3.3 | 999.9 | 999.9 |
| 23.6 | 99.9 | 8130.7 | 350.0 | -40.1 | -69.9 | 240.9 | 12.5 | 12.1 | 8.4 | 314.1 | 314.1 | 0.0 | 2.8 | 999.9 | 999.9 |
| 24.6 | 99.9 | 8631.4 | 325.0 | -44.9 | -79.9 | 238.0 | 14.3 | 13.4 | 7.6 | 314.6 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 25.6 | 99.9 | 9160.6 | 300.0 | -50.0 | -89.9 | 233.6 | 15.8 | 15.8 | 8.4 | 314.8 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 26.6 | 99.9 | 9724.5 | 275.0 | -53.8 | -99.9 | 237.8 | 14.1 | 11.9 | 11.6 | 314.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 27.6 | 99.9 | 10341.4 | 250.0 | -58.9 | -99.9 | 232.7 | 9.4 | 7.5 | 5.7 | 314.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 28.6 | 99.9 | 11026.7 | 225.0 | -51.9 | -99.9 | 213.2 | 12.5 | 6.8 | 10.4 | 314.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 29.6 | 99.9 | 11786.5 | 200.0 | -53.9 | -99.9 | 218.1 | 10.3 | 6.4 | 8.1 | 314.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 30.6 | 99.9 | 12646.1 | 175.0 | -52.4 | -99.9 | 245.6 | 13.0 | 9.2 | 4.8 | 314.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 31.6 | 99.9 | 13643.2 | 150.0 | -52.4 | -99.9 | 245.6 | 13.0 | 12.1 | 4.8 | 314.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 32.6 | 99.9 | 14818.3 | 125.0 | -53.8 | -99.9 | 255.6 | 12.4 | 12.0 | 3.1 | 317.7 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 33.6 | 99.9 | 16241.1 | 100.0 | -57.2 | -99.9 | 254.8 | 15.9 | 15.4 | 4.2 | 417.2 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 34.6 | 99.9 | 18052.8 | 75.0 | -58.9 | -99.9 | 264.0 | 14.4 | 14.3 | 1.5 | 449.4 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 35.6 | 99.9 | 20602.4 | 50.0 | -56.7 | -99.9 | 257.2 | 3.5 | 3.5 | 0.8 | 509.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 36.6 | 99.9 | 25048.4 | 25.0 | -52.4 | -99.9 | 86.6 | 2.5 | -2.5 | -0.1 | 634.1 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 469
DENVER, COLORADO
24 APRIL 1982
1115 GMT

0 26

DATA INTERPOLATED FROM NWS SIGNIFICANT LEVEL DATA

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO CM/KC | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 99.9 | 1611.0 | 829.5 | 6.1 | -6.6 | 300.0 | 2.1 | 1.8 | -1.0 | 294.6 | 302.6 | 2.8 | 39.6 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 999.9 | 99.9 | 39.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 0.2 | 99.9 | 1655.7 | 825.0 | 7.6 | -8.2 | 307.6 | 2.5 | 1.9 | -1.5 | 296.6 | 303.8 | 2.5 | 31.6 | 999.9 | 999.9 |
| 1.1 | 99.9 | 1909.3 | 800.0 | 8.5 | -8.6 | 325.2 | 4.5 | 2.6 | -3.7 | 300.2 | 308.7 | 3.0 | 30.2 | 999.9 | 999.9 |
| 2.0 | 99.9 | 2171.6 | 775.0 | 7.7 | -8.6 | 339.6 | 3.1 | 0.6 | -3.1 | 302.1 | 309.7 | 2.2 | 30.2 | 999.9 | 999.9 |
| 2.9 | 99.9 | 2441.0 | 750.0 | 6.2 | -11.0 | 355.5 | 3.1 | 0.2 | -3.1 | 303.3 | 309.7 | 2.2 | 30.2 | 999.9 | 999.9 |
| 4.0 | 99.9 | 2717.7 | 725.0 | 4.0 | -12.3 | 350.1 | 3.6 | 0.6 | -3.5 | 303.9 | 310.1 | 2.1 | 30.2 | 999.9 | 999.9 |
| 5.1 | 99.9 | 3001.8 | 700.0 | 1.8 | -13.6 | 35.9 | 2.7 | -1.6 | -2.8 | 304.5 | 310.3 | 1.9 | 30.7 | 999.9 | 999.9 |
| 6.2 | 99.9 | 3293.4 | 675.0 | -1.2 | -14.1 | 40.7 | 2.8 | -2.4 | -2.2 | 304.5 | 310.1 | 1.9 | 30.7 | 999.9 | 999.9 |
| 7.2 | 99.9 | 3592.7 | 650.0 | -4.3 | -14.5 | 35.3 | 5.3 | -3.0 | -4.3 | 304.1 | 309.9 | 1.9 | 30.7 | 999.9 | 999.9 |
| 8.5 | 99.9 | 3900.5 | 625.0 | -6.4 | -20.2 | 36.6 | 9.2 | -4.7 | -7.9 | 305.2 | 309.0 | 1.2 | 32.4 | 999.9 | 999.9 |
| 9.7 | 99.9 | 4218.4 | 600.0 | -8.6 | -22.3 | 2.1 | 13.0 | -4.7 | -12.1 | 306.1 | 309.5 | 1.1 | 32.1 | 999.9 | 999.9 |
| 10.9 | 99.9 | 4516.4 | 575.0 | -11.9 | -19.1 | 19.0 | 14.4 | -4.7 | -13.6 | 306.1 | 310.6 | 1.5 | 54.7 | 999.9 | 999.9 |
| 12.2 | 99.9 | 4824.6 | 550.0 | -15.0 | -24.0 | 22.2 | 14.0 | -5.3 | -13.0 | 306.2 | 309.4 | 1.0 | 46.1 | 999.9 | 999.9 |
| 13.6 | 99.9 | 5234.6 | 525.0 | -18.0 | -32.7 | 24.6 | 11.7 | -4.9 | -10.7 | 306.6 | 308.2 | 0.5 | 26.0 | 999.9 | 999.9 |
| 15.1 | 99.9 | 5596.9 | 500.0 | -21.4 | -30.9 | 28.2 | 8.1 | -3.8 | -7.1 | 307.0 | 308.8 | 0.6 | 41.7 | 999.9 | 999.9 |
| 16.5 | 99.9 | 5973.2 | 475.0 | -24.2 | -31.3 | 36.1 | 7.5 | -4.4 | -6.0 | 308.0 | 309.9 | 0.5 | 51.5 | 999.9 | 999.9 |
| 18.0 | 99.9 | 6365.2 | 450.0 | -27.3 | -34.1 | 49.0 | 8.8 | -6.6 | -5.7 | 308.9 | 310.5 | 0.5 | 52.0 | 999.9 | 999.9 |
| 19.4 | 99.9 | 6774.1 | 425.0 | -30.8 | -39.1 | 55.3 | 7.5 | -6.2 | -4.3 | 309.6 | 310.6 | 0.3 | 43.2 | 999.9 | 999.9 |
| 20.9 | 99.9 | 7201.1 | 400.0 | -34.7 | -42.0 | 72.1 | 6.3 | -5.9 | -1.9 | 309.9 | 310.7 | 0.2 | 47.0 | 999.9 | 999.9 |
| 22.8 | 99.9 | 7649.0 | 375.0 | -37.7 | -46.9 | 101.7 | 8.6 | -8.4 | -0.1 | 311.7 | 312.2 | 0.1 | 37.2 | 999.9 | 999.9 |
| 24.7 | 99.9 | 8131.9 | 350.0 | -40.6 | -49.9 | 89.2 | 7.2 | -7.2 | 5.4 | 314.0 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 26.5 | 99.9 | 8623.5 | 325.0 | -43.6 | -49.9 | 124.9 | 9.5 | -6.4 | 3.0 | 316.6 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 28.8 | 99.9 | 9160.5 | 300.0 | -45.3 | -49.9 | 144.9 | 7.1 | -5.4 | 2.4 | 321.5 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 31.2 | 99.9 | 9738.3 | 275.0 | -47.6 | -49.9 | 101.9 | 11.8 | -11.6 | 3.0 | 326.3 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 33.8 | 99.9 | 10364.5 | 250.0 | -50.1 | -49.9 | 99.1 | 7.4 | -7.3 | 1.2 | 331.6 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 36.7 | 99.9 | 11049.5 | 225.0 | -52.2 | -49.9 | 68.2 | 5.9 | -5.4 | -2.2 | 338.5 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 40.0 | 99.9 | 11808.0 | 200.0 | -53.0 | -49.9 | 326.0 | 0.5 | 0.3 | -0.4 | 348.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 43.5 | 99.9 | 12661.2 | 175.0 | -54.4 | -49.9 | 259.4 | 4.7 | 4.6 | 0.9 | 358.4 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 47.5 | 99.9 | 13618.2 | 150.0 | -54.6 | -49.9 | 268.6 | 8.8 | 8.7 | 0.2 | 376.0 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 52.4 | 99.9 | 14811.7 | 125.0 | -56.0 | -49.9 | 267.7 | 10.8 | 10.3 | -3.1 | 333.6 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 57.9 | 99.9 | 16222.5 | 100.0 | -58.6 | -49.9 | 222.0 | 12.3 | 12.2 | 1.7 | 414.5 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 65.2 | 99.9 | 18023.3 | 75.0 | -59.1 | -49.9 | 268.8 | 11.7 | 11.5 | 2.3 | 418.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 74.5 | 99.9 | 20577.9 | 50.0 | -57.7 | -49.9 | 277.5 | 3.8 | 3.8 | -0.5 | 507.5 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |

ORIGINAL
OF FOOT

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 459
DENVER, COLORADO
24 APRIL 1982
2300 GMT

DATA INTERPOLATED FROM NWS SIGNIFICANT LEVEL DATA

| TIME MIN | CNTCT | HEIGHT GCM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 99.9 | 1511.0 | 828.3 | 19.4 | -8.9 | 120.0 | 10.3 | -8.9 | 5.1 | 308.8 | 315.9 | 2.4 | 13.8 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 950.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 900.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 875.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 850.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 0.1 | 99.9 | 1645.1 | 825.0 | 17.3 | -7.8 | 117.6 | 10.7 | -8.5 | 5.0 | 306.9 | 314.7 | 2.6 | 17.2 | 999.9 | 999.9 |
| 1.0 | 99.9 | 1908.2 | 800.0 | 12.3 | -6.9 | 104.9 | 14.4 | -13.9 | 3.7 | 304.2 | 312.7 | 2.5 | 25.5 | 999.9 | 999.9 |
| 1.9 | 99.9 | 2169.0 | 775.0 | 10.4 | -8.1 | 98.0 | 11.6 | -11.5 | 1.6 | 305.0 | 312.9 | 2.7 | 26.2 | 999.9 | 999.9 |
| 2.7 | 99.9 | 2441.1 | 750.0 | 8.7 | -10.3 | 81.4 | 8.2 | -8.1 | -1.2 | 305.0 | 313.0 | 2.3 | 24.8 | 999.9 | 999.9 |
| 3.4 | 99.9 | 2720.4 | 725.0 | 6.7 | -12.2 | 52.3 | 6.6 | -5.2 | -4.0 | 306.9 | 313.1 | 2.1 | 24.3 | 999.9 | 999.9 |
| 4.1 | 99.9 | 3007.3 | 700.0 | 4.7 | -14.2 | 18.9 | 7.4 | -2.4 | -7.0 | 307.7 | 313.3 | 1.8 | 23.8 | 999.9 | 999.9 |
| 4.9 | 99.9 | 3302.2 | 675.0 | 2.2 | -15.1 | 359.6 | 9.5 | 0.1 | -9.5 | 307.9 | 313.3 | 1.7 | 26.8 | 999.9 | 999.9 |
| 5.7 | 99.9 | 3605.1 | 650.0 | -0.8 | -16.0 | 358.0 | 10.9 | 0.2 | -10.9 | 308.1 | 313.3 | 1.7 | 30.3 | 999.9 | 999.9 |
| 6.6 | 99.9 | 3918.7 | 625.0 | -3.7 | -17.0 | 357.1 | 12.0 | 0.6 | -11.9 | 308.2 | 313.2 | 1.5 | 34.7 | 999.9 | 999.9 |
| 7.6 | 99.9 | 4237.3 | 600.0 | -6.8 | -18.0 | 351.7 | 12.3 | 1.8 | -12.2 | 308.3 | 313.1 | 1.5 | 40.5 | 999.9 | 999.9 |
| 8.5 | 99.9 | 4567.5 | 575.0 | -10.2 | -18.5 | 348.4 | 12.6 | 2.5 | -12.4 | 308.0 | 312.8 | 1.5 | 50.8 | 999.9 | 999.9 |
| 9.6 | 99.9 | 4907.9 | 550.0 | -13.7 | -18.5 | 348.6 | 12.4 | 2.4 | -12.3 | 307.8 | 312.8 | 1.6 | 67.0 | 999.9 | 999.9 |
| 10.6 | 99.9 | 5259.4 | 525.0 | -18.9 | -18.9 | 349.0 | 12.4 | 2.4 | -12.3 | 308.1 | 313.1 | 1.6 | 84.9 | 999.9 | 999.9 |
| 11.8 | 99.9 | 5624.1 | 500.0 | -19.4 | -20.4 | 346.6 | 12.4 | 3.1 | -12.8 | 309.4 | 314.1 | 1.5 | 91.7 | 999.9 | 999.9 |
| 13.0 | 99.9 | 6003.5 | 475.0 | -22.3 | -24.2 | 345.0 | 15.9 | 4.1 | -15.3 | 310.4 | 314.0 | 1.1 | 84.2 | 999.9 | 999.9 |
| 14.2 | 99.9 | 6398.7 | 450.0 | -25.0 | -31.6 | 351.0 | 16.3 | 2.5 | -16.1 | 311.9 | 313.9 | 0.6 | 53.8 | 999.9 | 999.9 |
| 15.6 | 99.9 | 6811.9 | 425.0 | -27.8 | -38.3 | 351.0 | 15.0 | -2.6 | -14.8 | 313.4 | 314.5 | 0.3 | 35.8 | 999.9 | 999.9 |
| 17.1 | 99.9 | 7244.2 | 400.0 | -31.8 | -40.7 | 34.9 | 14.0 | -5.9 | -12.8 | 313.7 | 314.6 | 0.3 | 40.5 | 999.9 | 999.9 |
| 18.6 | 99.9 | 7696.6 | 375.0 | -36.0 | -43.5 | 24.8 | 16.0 | -8.1 | -13.2 | 313.9 | 314.8 | 0.2 | 61.8 | 999.9 | 999.9 |
| 20.1 | 99.9 | 8171.8 | 350.0 | -39.7 | -43.5 | 40.5 | 16.3 | -10.6 | -12.4 | 315.2 | 316.0 | 0.2 | 83.7 | 999.9 | 999.9 |
| 21.6 | 99.9 | 8674.3 | 325.0 | -43.7 | -43.5 | 49.3 | 16.3 | -10.4 | -8.9 | 316.5 | 316.5 | 99.9 | 999.9 | 999.9 | 999.9 |
| 23.3 | 99.9 | 9207.8 | 300.0 | -47.4 | -43.7 | 36.1 | 13.7 | -16.4 | -8.8 | 318.6 | 316.5 | 99.9 | 999.9 | 999.9 | 999.9 |
| 25.3 | 99.9 | 9780.9 | 275.0 | -50.1 | -47.4 | 30.8 | 11.3 | -5.8 | -9.7 | 322.7 | 316.5 | 99.9 | 999.9 | 999.9 | 999.9 |
| 27.2 | 99.9 | 10398.6 | 250.0 | -53.2 | -49.9 | 29.6 | 10.6 | -5.2 | -9.2 | 327.0 | 316.5 | 99.9 | 999.9 | 999.9 | 999.9 |
| 29.7 | 99.9 | 11075.2 | 225.0 | -54.7 | -54.7 | 349.6 | 5.6 | 1.0 | -5.5 | 334.7 | 316.5 | 99.9 | 999.9 | 999.9 | 999.9 |
| 32.5 | 99.9 | 11827.2 | 200.0 | -54.6 | -54.6 | 320.8 | 6.4 | 4.0 | -5.0 | 348.3 | 316.5 | 99.9 | 999.9 | 999.9 | 999.9 |
| 35.7 | 99.9 | 12682.4 | 175.0 | -54.4 | -54.4 | 283.4 | 10.0 | 9.7 | -2.3 | 360.1 | 316.5 | 99.9 | 999.9 | 999.9 | 999.9 |
| 39.6 | 99.9 | 13675.3 | 150.0 | -54.4 | -54.4 | 256.0 | 11.9 | 11.6 | 2.9 | 378.9 | 316.5 | 99.9 | 999.9 | 999.9 | 999.9 |
| 44.1 | 99.9 | 14847.4 | 125.0 | -54.5 | -54.5 | 277.7 | 11.9 | 11.8 | 1.6 | 398.4 | 316.5 | 99.9 | 999.9 | 999.9 | 999.9 |
| 49.4 | 99.9 | 16270.4 | 100.0 | -56.4 | -56.4 | 268.0 | 9.8 | 9.8 | 0.3 | 418.8 | 316.5 | 99.9 | 999.9 | 999.9 | 999.9 |
| 56.4 | 99.9 | 18090.1 | 75.0 | -57.8 | -57.8 | 265.7 | 10.4 | 10.4 | 0.8 | 451.8 | 316.5 | 99.9 | 999.9 | 999.9 | 999.9 |
| 65.1 | 99.9 | 20650.7 | 50.0 | -57.7 | -57.7 | 256.8 | 3.6 | 3.5 | 0.8 | 507.5 | 316.5 | 99.9 | 999.9 | 999.9 | 999.9 |
| 78.6 | 99.9 | 25096.0 | 25.0 | -52.3 | -52.3 | 36.6 | 2.9 | -1.7 | -2.3 | 634.2 | 316.5 | 99.9 | 999.9 | 999.9 | 999.9 |

STATION NO. 469
DENVER, COLORADO
25 APRIL 1982
1100 GMT

0 22

DATA INTERPOLATED FROM NWS SIGNIFICANT LEVEL DATA

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO CM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0 0 | 99.9 | 1611.0 | 832.8 | 5 0 | -3.8 | 210.0 | 0.0 | 0.0 | 0.0 | 293.1 | 302.8 | 3.5 | 52.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 950.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 900.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 875.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 850.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 0 4 | 99.9 | 1688.3 | 825.0 | 8.7 | -5.4 | 311.0 | 1.8 | 1.4 | -1.2 | 297.8 | 306.7 | 3.1 | 36.3 | 999.9 | 999.9 |
| 99.9 | 99.9 | 1943.8 | 800.0 | 10.4 | -6.4 | 312.0 | 5.6 | 4.1 | -3.7 | 302.3 | 310.9 | 3.0 | 29.5 | 999.9 | 999.9 |
| 1 1 | 99.9 | 2207.6 | 775.0 | 9.1 | -7.8 | 315.9 | 8.1 | 5.6 | -5.8 | 303.6 | 311.7 | 2.7 | 30.1 | 999.9 | 999.9 |
| 2 8 | 99.9 | 2478.1 | 750.0 | 7.0 | -9.3 | 323.4 | 9.0 | 5.4 | -7.3 | 304.2 | 311.7 | 2.5 | 30.1 | 999.9 | 999.9 |
| 3 7 | 99.9 | 2755.6 | 725.0 | 4.6 | -10.1 | 332.9 | 10.3 | 4.7 | -9.2 | 304.6 | 311.8 | 2.4 | 33.2 | 999.9 | 999.9 |
| 4 6 | 99.9 | 3040.3 | 700.0 | 2.2 | -11.0 | 338.5 | 11.4 | 4.2 | -10.6 | 304.9 | 312.0 | 2.4 | 36.9 | 999.9 | 999.9 |
| 5 5 | 99.9 | 3332.7 | 675.0 | -0.2 | -11.8 | 342.9 | 11.6 | 3.4 | -11.1 | 305.4 | 312.3 | 2.3 | 41.2 | 999.9 | 999.9 |
| 6 4 | 99.9 | 3633.5 | 650.0 | -2.7 | -12.6 | 348.9 | 11.1 | 2.1 | -10.9 | 305.9 | 312.7 | 2.2 | 46.4 | 999.9 | 999.9 |
| 7 4 | 99.9 | 3943.0 | 625.0 | -5.5 | -13.2 | 352.1 | 10.6 | 1.8 | -10.5 | 306.1 | 312.8 | 2.2 | 54.5 | 999.9 | 999.9 |
| 8 4 | 99.9 | 4261.7 | 600.0 | -8.5 | -13.7 | 350.1 | 10.5 | 1.8 | -10.4 | 306.3 | 313.0 | 2.2 | 66.1 | 999.9 | 999.9 |
| 9 5 | 99.9 | 4590.1 | 575.0 | -11.5 | -15.0 | 346.2 | 11.4 | 2.7 | -11.0 | 306.5 | 312.8 | 2.1 | 75.4 | 999.9 | 999.9 |
| 10 7 | 99.9 | 4929.3 | 550.0 | -14.3 | -16.8 | 338.4 | 12.5 | 4.6 | -11.6 | 307.1 | 312.8 | 1.9 | 81.1 | 999.9 | 999.9 |
| 11 8 | 99.9 | 5280.3 | 525.0 | -17.3 | -18.8 | 330.3 | 14.1 | 7.0 | -12.2 | 307.6 | 312.7 | 1.6 | 88.2 | 999.9 | 999.9 |
| 13 1 | 99.9 | 5644.1 | 500.0 | -20.3 | -21.6 | 330.7 | 16.4 | 8.0 | -14.3 | 308.3 | 312.5 | 1.4 | 89.2 | 999.9 | 999.9 |
| 14 3 | 99.9 | 6022.4 | 475.0 | -23.0 | -28.2 | 338.9 | 15.5 | 5.6 | -14.5 | 309.5 | 312.0 | 0.8 | 92.1 | 999.9 | 999.9 |
| 15 7 | 99.9 | 6416.6 | 450.0 | -25.9 | -36.5 | 350.6 | 14.0 | 2.3 | -13.8 | 310.8 | 312.0 | 0.4 | 96.0 | 999.9 | 999.9 |
| 17 1 | 99.9 | 6827.8 | 425.0 | -29.4 | -39.5 | 358.8 | 13.8 | 0.3 | -13.8 | 311.4 | 312.4 | 0.3 | 96.6 | 999.9 | 999.9 |
| 18 7 | 99.9 | 7257.6 | 400.0 | -33.3 | -41.7 | 353.4 | 12.4 | 1.6 | -14.0 | 311.7 | 312.6 | 0.2 | 96.6 | 999.9 | 999.9 |
| 20 2 | 99.9 | 7707.6 | 375.0 | -36.2 | -45.7 | 340.5 | 12.4 | 4.1 | -11.7 | 313.7 | 314.3 | 0.2 | 96.6 | 999.9 | 999.9 |
| 21 9 | 99.9 | 8182.7 | 350.0 | -40.0 | -49.9 | 326.8 | 8.0 | 4.4 | -6.7 | 314.8 | 999.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 23 6 | 99.9 | 8684.8 | 325.0 | -43.7 | -53.9 | 325.0 | 8.4 | 4.4 | -6.9 | 316.5 | 999.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 25 4 | 99.9 | 9218.3 | 300.0 | -47.6 | -59.3 | 333.4 | 11.9 | 5.3 | -10.7 | 318.3 | 999.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 27 5 | 99.9 | 9786.7 | 275.0 | -52.7 | -66.5 | 333.4 | 16.7 | 7.5 | -14.9 | 319.0 | 999.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 29 8 | 99.9 | 10396.1 | 250.0 | -56.5 | -72.9 | 330.0 | 17.2 | 8.6 | -14.9 | 322.1 | 999.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 32 0 | 99.9 | 11060.4 | 225.0 | -59.3 | -79.9 | 317.9 | 15.4 | 10.3 | -11.4 | 327.6 | 999.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 34 5 | 99.9 | 11793.4 | 200.0 | -60.6 | -86.9 | 285.8 | 14.9 | 12.0 | -8.8 | 336.8 | 999.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 37 6 | 99.9 | 12632.2 | 175.0 | -57.4 | -99.9 | 290.9 | 12.7 | 15.4 | -3.5 | 335.2 | 999.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 40 9 | 99.9 | 13611.5 | 150.0 | -56.2 | -99.9 | 263.2 | 16.5 | 15.9 | -5.9 | 373.3 | 999.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 45 4 | 99.9 | 14776.0 | 125.0 | -54.3 | -99.9 | 263.2 | 16.0 | 15.9 | -5.9 | 373.3 | 999.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 50 5 | 99.9 | 16186.1 | 100.0 | -57.7 | -99.9 | 263.2 | 16.0 | 15.9 | -5.9 | 373.3 | 999.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 57 1 | 99.9 | 18006.6 | 75.0 | -58.9 | -99.9 | 258.9 | 12.1 | 12.1 | 0.9 | 416.3 | 999.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 65 1 | 99.9 | 20562.7 | 50.0 | -56.2 | -99.9 | 280.1 | 5.4 | 5.3 | 1.8 | 489.4 | 999.9 | 99.9 | 99.9 | 999.9 | 999.9 |
| 77 8 | 99.9 | 25000.6 | 25.0 | -51.5 | -99.9 | 92.9 | 4.0 | -4.0 | -0.2 | 636.5 | 999.9 | 99.9 | 99.9 | 999.9 | 999.9 |

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 476
GRAND JUNCTION, COLORADO
24 APRIL 1982
1105 GMT

0 290.

DATA INTERPOLATED FROM NWS SIGNIFICANT LEVEL DATA

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POI T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE NM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 99.9 | 1472.0 | 850.0 | 6.1 | 1.5 | 120.0 | 2.1 | -1.8 | 1.0 | 292.5 | 306.2 | 5.0 | 72.3 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 950.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 900.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 875.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 0.0 | 99.9 | 1472.0 | 850.0 | 6.1 | 1.5 | 120.0 | 2.1 | -1.8 | 1.0 | 292.5 | 306.2 | 5.0 | 72.3 | 999.9 | 999.9 |
| 0.8 | 99.9 | 1717.3 | 825.0 | 6.2 | 2.1 | 120.0 | 2.3 | -0.3 | 0.2 | 295.2 | 310.0 | 5.4 | 72.3 | 999.9 | 999.9 |
| 1.7 | 99.9 | 1969.2 | 800.0 | 4.6 | 0.5 | 303.0 | 2.3 | 1.9 | -1.2 | 296.1 | 309.8 | 5.0 | 74.5 | 999.9 | 999.9 |
| 2.7 | 99.9 | 2227.5 | 775.0 | 3.0 | -1.1 | 286.9 | 5.4 | 5.2 | -1.6 | 297.1 | 309.8 | 4.6 | 74.0 | 999.9 | 999.9 |
| 3.6 | 99.9 | 2492.7 | 750.0 | 1.4 | -2.8 | 276.5 | 7.6 | 7.5 | -0.9 | 298.1 | 309.8 | 4.2 | 73.5 | 999.9 | 999.9 |
| 4.5 | 99.9 | 2785.6 | 725.0 | 0.5 | -2.9 | 269.9 | 99.9 | 99.9 | 99.9 | 300.0 | 312.1 | 4.2 | 77.9 | 999.9 | 999.9 |
| 5.4 | 99.9 | 3046.9 | 700.0 | -0.7 | -6.5 | 269.9 | 99.9 | 99.9 | 99.9 | 301.7 | 311.4 | 3.4 | 64.7 | 999.9 | 999.9 |
| 6.4 | 99.9 | 3337.0 | 675.0 | -2.1 | -12.7 | 269.9 | 99.9 | 99.9 | 99.9 | 303.3 | 309.7 | 2.1 | 44.0 | 999.9 | 999.9 |
| 7.5 | 99.9 | 3635.8 | 650.0 | -4.3 | -14.1 | 269.9 | 99.9 | 99.9 | 99.9 | 304.1 | 310.6 | 2.0 | 46.1 | 999.9 | 999.9 |
| 8.6 | 99.9 | 3943.7 | 625.0 | -6.6 | -15.2 | 269.9 | 99.9 | 99.9 | 99.9 | 304.9 | 310.6 | 1.9 | 50.6 | 999.9 | 999.9 |
| 9.7 | 99.9 | 4261.1 | 600.0 | -9.4 | -15.4 | 269.9 | 99.9 | 99.9 | 99.9 | 305.3 | 311.1 | 1.9 | 61.5 | 999.9 | 999.9 |
| 10.9 | 99.9 | 4588.6 | 575.0 | -12.2 | -15.6 | 269.9 | 99.9 | 99.9 | 99.9 | 305.7 | 311.7 | 2.0 | 75.7 | 999.9 | 999.9 |
| 12.0 | 99.9 | 4928.9 | 550.0 | -14.9 | -17.1 | 269.9 | 99.9 | 99.9 | 99.9 | 306.4 | 311.9 | 1.8 | 83.7 | 999.9 | 999.9 |
| 13.1 | 99.9 | 5277.3 | 525.0 | -17.6 | -19.8 | 357.4 | 8.2 | 0.3 | -6.2 | 307.3 | 312.0 | 1.5 | 83.0 | 999.9 | 999.9 |
| 14.3 | 99.9 | 5640.9 | 500.0 | -20.3 | -23.9 | 352.0 | 6.3 | 0.9 | -6.3 | 308.3 | 311.8 | 1.1 | 72.7 | 999.9 | 999.9 |
| 15.7 | 99.9 | 6019.3 | 475.0 | -22.9 | -29.5 | 354.3 | 7.4 | 0.7 | -7.4 | 309.6 | 311.9 | 0.7 | 54.6 | 999.9 | 999.9 |
| 17.2 | 99.9 | 6413.2 | 450.0 | -26.1 | -31.4 | 356.8 | 8.5 | 0.5 | -8.4 | 310.5 | 312.5 | 0.6 | 60.5 | 999.9 | 999.9 |
| 18.8 | 99.9 | 6824.5 | 425.0 | -29.1 | -37.2 | 0.3 | 10.5 | -0.0 | -10.5 | 311.7 | 313.0 | 0.4 | 45.3 | 999.9 | 999.9 |
| 20.3 | 99.9 | 7254.6 | 400.0 | -33.0 | -40.2 | 0.4 | 11.3 | -0.1 | -11.3 | 312.1 | 313.1 | 0.3 | 48.1 | 999.9 | 999.9 |
| 22.0 | 99.9 | 7704.7 | 375.0 | -37.1 | -41.7 | 0.9 | 11.8 | -0.2 | -11.8 | 312.4 | 313.3 | 0.3 | 62.4 | 999.9 | 999.9 |
| 23.7 | 99.9 | 8177.4 | 350.0 | -41.3 | 99.9 | 7.8 | 13.1 | -1.8 | -13.0 | 313.1 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 25.6 | 99.9 | 8676.1 | 325.0 | -45.6 | 99.9 | 13.2 | 11.0 | -2.5 | -10.7 | 313.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 27.7 | 99.9 | 9204.2 | 300.0 | -50.2 | 99.9 | 12.3 | 9.8 | -2.1 | -9.6 | 314.6 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 275.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 250.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 225.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 200.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 175.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 150.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 125.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 100.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 75.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 50.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 25.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 476
GRAND JUNCTION, COLORADO
24 APRIL 1982
2305 GMT

0 19

DATA INTERPOLATED FROM NWS SIGNIFICANT LEVEL DATA

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 99.9 | 1472.0 | 846.5 | 21.7 | -1.0 | 270.0 | 5.7 | 5.7 | -0.9 | 309.3 | 321.7 | 4.2 | 21.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 900.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 875.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 99.9 | 99.9 | 99.9 | 850.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.6 | 99.9 | 1692.1 | 825.0 | 16.9 | -4.5 | 296.5 | 5.7 | 5.1 | -2.5 | 306.5 | 316.3 | 3.3 | 22.7 | 999.9 | 999.9 |
| 1.3 | 99.9 | 1952.9 | 800.0 | 14.5 | -5.8 | 310.0 | 6.0 | 4.6 | -3.9 | 306.6 | 315.8 | 3.1 | 24.0 | 999.9 | 999.9 |
| 2.1 | 99.9 | 2218.8 | 775.0 | 12.0 | -7.1 | 309.9 | 5.6 | 4.3 | -3.6 | 306.8 | 315.4 | 2.9 | 25.4 | 999.9 | 999.9 |
| 2.8 | 99.9 | 2493.0 | 750.0 | 9.5 | -8.5 | 309.2 | 5.3 | 4.1 | -3.3 | 306.9 | 314.9 | 2.7 | 27.1 | 999.9 | 999.9 |
| 3.5 | 99.9 | 2772.7 | 725.0 | 6.7 | -9.7 | 310.6 | 5.6 | 4.3 | -3.7 | 306.8 | 314.7 | 2.5 | 29.8 | 999.9 | 999.9 |
| 4.2 | 99.9 | 3059.2 | 700.0 | 3.7 | -11.0 | 314.8 | 6.5 | 4.6 | -4.6 | 306.6 | 313.7 | 2.4 | 33.1 | 999.9 | 999.9 |
| 5.1 | 99.9 | 3353.1 | 675.0 | 1.1 | -12.6 | 324.6 | 7.8 | 4.5 | -6.3 | 306.9 | 313.5 | 2.2 | 35.0 | 999.9 | 999.9 |
| 6.0 | 99.9 | 3655.3 | 650.0 | -1.5 | -14.2 | 331.8 | 8.2 | 3.9 | -7.2 | 307.3 | 313.0 | 2.0 | 37.2 | 999.9 | 999.9 |
| 6.9 | 99.9 | 3966.1 | 625.0 | -4.3 | -15.9 | 336.6 | 8.2 | 3.3 | -7.6 | 307.6 | 313.0 | 1.8 | 39.6 | 999.9 | 999.9 |
| 7.9 | 99.9 | 4286.3 | 600.0 | -7.1 | -17.7 | 348.5 | 7.3 | 1.5 | -7.1 | 307.9 | 312.8 | 1.6 | 42.5 | 999.9 | 999.9 |
| 8.3 | 99.9 | 4616.3 | 575.0 | -10.2 | -18.3 | 1.0 | 6.7 | -0.1 | -6.7 | 308.0 | 312.9 | 1.6 | 51.5 | 999.9 | 999.9 |
| 9.8 | 99.9 | 4956.8 | 550.0 | -13.5 | -18.1 | 3.8 | 6.3 | -0.4 | -6.3 | 308.2 | 312.2 | 1.7 | 68.5 | 999.9 | 999.9 |
| 10.8 | 99.9 | 5308.6 | 525.0 | -16.8 | -18.3 | 3.2 | 5.3 | -0.3 | -5.3 | 308.3 | 312.5 | 1.7 | 88.4 | 999.9 | 999.9 |
| 12.0 | 99.9 | 5673.4 | 500.0 | -19.5 | -20.2 | 10.0 | 5.1 | -0.9 | -5.1 | 309.1 | 312.1 | 0.9 | 94.1 | 999.9 | 999.9 |
| 13.2 | 99.9 | 6051.8 | 475.0 | -23.4 | -26.3 | 350.6 | 6.1 | 1.0 | -6.0 | 309.1 | 312.0 | 0.6 | 76.5 | 999.9 | 999.9 |
| 15.1 | 99.9 | 6446.0 | 450.0 | -24.8 | -32.2 | 345.7 | 9.4 | 2.3 | -9.1 | 312.0 | 313.2 | 0.5 | 50.1 | 999.9 | 999.9 |
| 16.7 | 99.9 | 6859.2 | 425.0 | -28.0 | -33.6 | 351.4 | 11.3 | 1.7 | -11.2 | 313.2 | 314.9 | 0.4 | 65.4 | 999.9 | 999.9 |
| 17.9 | 99.9 | 7291.7 | 400.0 | -31.4 | -35.7 | 356.5 | 12.9 | 0.7 | -12.3 | 314.2 | 315.7 | 0.3 | 62.7 | 999.9 | 999.9 |
| 19.1 | 99.9 | 7745.5 | 375.0 | -35.0 | -39.5 | 359.4 | 13.4 | 0.1 | -12.9 | 315.3 | 316.5 | 0.2 | 59.8 | 999.9 | 999.9 |
| 20.5 | 99.9 | 8223.1 | 350.0 | -38.7 | -43.6 | 355.1 | 14.7 | 1.2 | -13.3 | 316.5 | 317.3 | 0.2 | 59.9 | 999.9 | 999.9 |
| 22.3 | 99.9 | 8727.8 | 325.0 | -42.6 | -43.6 | 355.1 | 14.7 | -0.2 | -14.7 | 318.0 | 318.7 | 0.2 | 59.9 | 999.9 | 999.9 |
| 24.3 | 99.9 | 9263.7 | 300.0 | -46.6 | -43.6 | 357.5 | 15.3 | 0.7 | -15.3 | 318.7 | 319.9 | 0.2 | 59.9 | 999.9 | 999.9 |
| 26.2 | 99.9 | 9835.2 | 275.0 | -50.3 | -46.6 | 357.5 | 14.8 | 3.9 | -14.3 | 322.4 | 319.9 | 0.2 | 59.9 | 999.9 | 999.9 |
| 28.0 | 99.9 | 10454.3 | 250.0 | -52.8 | -46.6 | 344.9 | 12.4 | 3.8 | -11.8 | 327.6 | 319.9 | 0.2 | 59.9 | 999.9 | 999.9 |
| 30.2 | 99.9 | 11126.8 | 225.0 | -57.7 | -46.6 | 329.1 | 12.0 | 6.2 | -10.3 | 330.1 | 319.9 | 0.2 | 59.9 | 999.9 | 999.9 |
| 32.8 | 99.9 | 11865.7 | 200.0 | -58.4 | -46.6 | 306.1 | 13.0 | 10.5 | -7.6 | 340.3 | 319.9 | 0.2 | 59.9 | 999.9 | 999.9 |
| 35.4 | 99.9 | 12712.6 | 175.0 | -56.4 | -46.6 | 284.1 | 9.6 | 9.3 | -2.3 | 356.9 | 319.9 | 0.2 | 59.9 | 999.9 | 999.9 |
| 38.8 | 99.9 | 13699.3 | 150.0 | -52.8 | -46.6 | 258.7 | 13.9 | 13.6 | -2.7 | 379.1 | 319.9 | 0.2 | 59.9 | 999.9 | 999.9 |
| 42.7 | 99.9 | 14869.2 | 125.0 | -54.3 | -46.6 | 278.6 | 12.9 | 12.7 | -1.9 | 396.6 | 319.9 | 0.2 | 59.9 | 999.9 | 999.9 |
| 47.5 | 99.9 | 16291.6 | 100.0 | -55.1 | -46.6 | 268.0 | 14.1 | 14.1 | 0.5 | 421.3 | 319.9 | 0.2 | 59.9 | 999.9 | 999.9 |
| 53.2 | 99.9 | 18117.2 | 75.0 | -58.7 | -46.6 | 259.4 | 9.1 | 9.0 | 1.7 | 449.9 | 319.9 | 0.2 | 59.9 | 999.9 | 999.9 |
| 61.1 | 99.9 | 20682.3 | 50.0 | -55.4 | -46.6 | 277.2 | 5.5 | 5.5 | -0.7 | 512.9 | 319.9 | 0.2 | 59.9 | 999.9 | 999.9 |
| 72.8 | 99.9 | 25144.7 | 25.0 | -51.0 | -46.6 | 41.5 | 3.2 | -2.1 | -2.4 | 638.1 | 319.9 | 0.2 | 59.9 | 999.9 | 999.9 |

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 476
GRAND JUNCTION, COLORADO

25 APRIL 1982
1105 GMT

0 120;

DATA INTERPOLATED FROM NWS SIGNIFICANT LEVEL DATA

| TIME | CNTCT | HEIGHT | PRES | TEMP | DEW PT | DIR | SPEED | U COMP | V COMP | POT T | E POT T | MX RTO | RH | RANGE | AZ |
|------|-------|--------|-------|------|--------|-------|-------|--------|--------|-------|---------|--------|------|-------|-----|
| MIN | | GPM | MB | DG C | DG C | DG | M/SEC | M/SEC | M/SEC | DG K | DG K | GM/KG | PCT | KM | DG |
| 0 0 | 99 9 | 1472.0 | 849.4 | 7.2 | -4.3 | 120.0 | 3.1 | -2.7 | 1.5 | 293.8 | 302.9 | 3.3 | 43.7 | 999.9 | 999 |
| 0 1 | 99 9 | 1000.9 | 999.9 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999 |
| 0 2 | 99 9 | 975.0 | 999.9 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999 |
| 0 3 | 99 9 | 950.0 | 999.9 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999 |
| 0 4 | 99 9 | 925.0 | 999.9 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999 |
| 0 5 | 99 9 | 900.0 | 999.9 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999 |
| 0 6 | 99 9 | 875.0 | 999.9 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999 |
| 0 7 | 99 9 | 850.0 | 999.9 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999 |
| 0 8 | 99 9 | 825.0 | 999.9 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999 |
| 0 9 | 99 9 | 800.0 | 999.9 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999 |
| 1 0 | 99 9 | 775.0 | 999.9 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999 |
| 1 1 | 99 9 | 750.0 | 999.9 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999 |
| 1 2 | 99 9 | 725.0 | 999.9 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999 |
| 1 3 | 99 9 | 700.0 | 999.9 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999 |
| 1 4 | 99 9 | 675.0 | 999.9 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999 |
| 1 5 | 99 9 | 650.0 | 999.9 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999 |
| 1 6 | 99 9 | 625.0 | 999.9 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999 |
| 1 7 | 99 9 | 600.0 | 999.9 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999 |
| 1 8 | 99 9 | 575.0 | 999.9 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999 |
| 1 9 | 99 9 | 550.0 | 999.9 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999 |
| 2 0 | 99 9 | 525.0 | 999.9 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999 |
| 2 1 | 99 9 | 500.0 | 999.9 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999 |
| 2 2 | 99 9 | 475.0 | 999.9 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999 |
| 2 3 | 99 9 | 450.0 | 999.9 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999 |
| 2 4 | 99 9 | 425.0 | 999.9 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999 |
| 2 5 | 99 9 | 400.0 | 999.9 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 9 | | | | | | |

STATION NO. 532
PEORIA, ILLINOIS

24 APRIL 1982
1100 GMT

0 14.

DATA INTERPOLATED FROM NWS SIGNIFICANT LEVEL DATA

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 99.9 | 200.0 | 997.8 | 6.7 | 2.2 | 200.0 | 2.6 | 0.9 | 2.4 | 280.0 | 291.7 | 4.5 | 72.9 | 999.9 | 999.9 |
| 0.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.8 | 99.9 | 391.9 | 975.0 | 12.4 | -0.2 | 231.3 | 9.5 | 7.4 | 5.9 | 287.6 | 298.1 | 3.9 | 42.0 | 999.9 | 999.9 |
| 1.6 | 99.9 | 609.8 | 950.0 | 10.6 | -1.7 | 236.6 | 11.9 | 9.9 | 6.6 | 289.3 | 299.5 | 3.7 | 40.3 | 999.9 | 999.9 |
| 2.4 | 99.9 | 832.4 | 925.0 | 8.7 | -2.4 | 241.5 | 12.0 | 10.5 | 5.7 | 290.2 | 300.2 | 3.6 | 42.1 | 999.9 | 999.9 |
| 3.2 | 99.9 | 1059.9 | 900.0 | 6.7 | -3.1 | 247.2 | 11.2 | 10.4 | 4.3 | 290.5 | 300.3 | 3.5 | 45.5 | 999.9 | 999.9 |
| 4.0 | 99.9 | 1292.2 | 875.0 | 4.6 | -3.8 | 253.7 | 10.8 | 10.4 | 3.0 | 290.7 | 300.4 | 3.4 | 49.6 | 999.9 | 999.9 |
| 4.8 | 99.9 | 1529.4 | 850.0 | 2.9 | -4.5 | 261.8 | 10.0 | 9.9 | 1.4 | 291.0 | 300.4 | 2.0 | 54.4 | 999.9 | 999.9 |
| 5.7 | 99.9 | 1772.0 | 825.0 | 0.9 | -5.2 | 265.8 | 7.7 | 7.6 | 0.6 | 291.7 | 297.4 | 0.5 | 34.9 | 999.9 | 999.9 |
| 6.5 | 99.9 | 2020.7 | 800.0 | 3.5 | -5.9 | 267.6 | 5.5 | 5.1 | 2.1 | 294.9 | 296.6 | 0.7 | 10.4 | 999.9 | 999.9 |
| 7.6 | 99.9 | 2279.0 | 775.0 | 4.3 | -6.5 | 272.7 | 5.7 | 3.9 | 4.2 | 298.4 | 300.6 | 0.8 | 8.9 | 999.9 | 999.9 |
| 8.6 | 99.9 | 2544.8 | 750.0 | 2.7 | -7.2 | 277.0 | 6.4 | 3.9 | 5.2 | 299.5 | 302.1 | 0.9 | 13.0 | 999.9 | 999.9 |
| 9.6 | 99.9 | 2818.1 | 725.0 | 1.1 | -7.9 | 277.6 | 6.4 | 3.9 | 5.1 | 300.7 | 302.1 | 1.1 | 16.5 | 999.9 | 999.9 |
| 10.6 | 99.9 | 3099.4 | 700.0 | -0.5 | -8.6 | 277.6 | 5.9 | 3.5 | 4.7 | 301.9 | 305.4 | 0.9 | 21.0 | 999.9 | 999.9 |
| 11.6 | 99.9 | 3389.0 | 675.0 | -2.3 | -9.3 | 277.6 | 5.9 | 2.8 | 5.2 | 303.1 | 305.8 | 0.7 | 18.5 | 999.9 | 999.9 |
| 12.6 | 99.9 | 3687.5 | 650.0 | -4.2 | -10.0 | 277.6 | 5.2 | 2.1 | 4.8 | 304.2 | 306.4 | 0.5 | 16.2 | 999.9 | 999.9 |
| 13.7 | 99.9 | 3995.5 | 625.0 | -6.2 | -10.7 | 277.6 | 4.6 | 2.2 | 4.1 | 305.4 | 307.1 | 0.4 | 14.0 | 999.9 | 999.9 |
| 14.8 | 99.9 | 4313.5 | 600.0 | -8.2 | -11.4 | 277.6 | 4.0 | 3.5 | 3.6 | 306.6 | 307.9 | 0.3 | 11.9 | 999.9 | 999.9 |
| 16.0 | 99.9 | 4642.5 | 575.0 | -10.4 | -12.1 | 277.6 | 3.2 | 5.2 | 5.0 | 307.8 | 308.9 | 0.2 | 10.0 | 999.9 | 999.9 |
| 17.2 | 99.9 | 4983.2 | 550.0 | -12.6 | -12.8 | 277.6 | 2.2 | 4.8 | 3.5 | 309.1 | 309.9 | 0.2 | 8.2 | 999.9 | 999.9 |
| 18.5 | 99.9 | 5336.7 | 525.0 | -14.9 | -13.5 | 277.6 | 1.6 | 4.4 | 3.5 | 310.5 | 311.0 | 0.2 | 6.7 | 999.9 | 999.9 |
| 19.8 | 99.9 | 5704.0 | 500.0 | -17.4 | -14.2 | 277.6 | 1.0 | 4.4 | 4.0 | 311.8 | 312.2 | 0.1 | 5.3 | 999.9 | 999.9 |
| 21.1 | 99.9 | 6086.0 | 475.0 | -20.4 | -15.0 | 277.6 | 0.8 | 4.4 | 4.0 | 312.7 | 313.2 | 0.1 | 4.6 | 999.9 | 999.9 |
| 22.4 | 99.9 | 6483.9 | 450.0 | -23.5 | -15.7 | 277.6 | 0.6 | 4.4 | 4.0 | 313.7 | 314.3 | 0.2 | 4.4 | 999.9 | 999.9 |
| 23.8 | 99.9 | 6899.1 | 425.0 | -26.9 | -16.4 | 277.6 | 0.6 | 4.4 | 4.0 | 314.6 | 315.5 | 0.2 | 4.4 | 999.9 | 999.9 |
| 25.3 | 99.9 | 7332.8 | 400.0 | -31.1 | -17.1 | 277.6 | 1.4 | 11.4 | 0.7 | 314.6 | 315.9 | 0.4 | 4.4 | 999.9 | 999.9 |
| 26.9 | 99.9 | 7787.0 | 375.0 | -34.5 | -17.8 | 277.6 | 1.2 | 12.6 | 0.0 | 316.0 | 316.9 | 0.3 | 4.4 | 999.9 | 999.9 |
| 28.5 | 99.9 | 8265.7 | 350.0 | -38.2 | -18.5 | 277.6 | 1.0 | 13.1 | -2.4 | 317.3 | 317.9 | 0.2 | 4.4 | 999.9 | 999.9 |
| 30.2 | 99.9 | 8771.3 | 325.0 | -42.5 | -19.2 | 277.6 | 0.7 | 13.1 | -0.8 | 318.7 | 319.9 | 0.9 | 4.4 | 999.9 | 999.9 |
| 32.1 | 99.9 | 9306.5 | 300.0 | -47.3 | -19.9 | 277.6 | 0.7 | 11.2 | 1.2 | 321.3 | 321.9 | 0.9 | 4.4 | 999.9 | 999.9 |
| 34.0 | 99.9 | 9877.3 | 275.0 | -51.1 | -20.6 | 277.6 | 0.8 | 10.8 | 0.9 | 324.0 | 324.9 | 0.9 | 4.4 | 999.9 | 999.9 |
| 36.0 | 99.9 | 10491.6 | 250.0 | -55.2 | -21.3 | 277.6 | 1.0 | 12.7 | 1.0 | 328.6 | 329.9 | 0.9 | 4.4 | 999.9 | 999.9 |
| 38.2 | 99.9 | 11158.8 | 225.0 | -58.7 | -22.0 | 277.6 | 1.5 | 16.4 | -1.8 | 337.4 | 339.9 | 0.9 | 4.4 | 999.9 | 999.9 |
| 40.7 | 99.9 | 11894.5 | 200.0 | -60.2 | -22.7 | 277.6 | 1.5 | 15.7 | 1.1 | 348.0 | 350.9 | 0.9 | 4.4 | 999.9 | 999.9 |
| 43.3 | 99.9 | 12723.3 | 175.0 | -61.8 | -23.4 | 277.6 | 1.8 | 18.6 | -2.7 | 369.8 | 372.9 | 0.9 | 4.4 | 999.9 | 999.9 |
| 46.7 | 99.9 | 13694.0 | 150.0 | -58.2 | -24.1 | 277.6 | 1.8 | 18.2 | -3.0 | 389.5 | 392.9 | 0.9 | 4.4 | 999.9 | 999.9 |
| 50.6 | 99.9 | 14845.4 | 125.0 | -58.2 | -24.8 | 277.6 | 1.8 | 16.8 | -1.6 | 414.1 | 417.9 | 0.9 | 4.4 | 999.9 | 999.9 |
| 55.3 | 99.9 | 16247.6 | 100.0 | -58.8 | -25.5 | 277.6 | 1.8 | 16.8 | -4.4 | 451.3 | 454.9 | 0.9 | 4.4 | 999.9 | 999.9 |
| 61.1 | 99.9 | 18053.4 | 75.0 | -58.0 | -26.2 | 277.6 | 1.8 | 16.8 | -2.7 | 509.3 | 512.9 | 0.9 | 4.4 | 999.9 | 999.9 |
| 68.8 | 99.9 | 20622.5 | 50.0 | -57.0 | -26.9 | 277.6 | 1.8 | 16.8 | -0.9 | 635.7 | 638.9 | 0.9 | 4.4 | 999.9 | 999.9 |
| 80.9 | 99.9 | 25053.8 | 25.0 | -51.8 | -27.6 | 277.6 | 1.6 | -1.3 | -0.9 | 635.7 | 638.9 | 0.9 | 4.4 | 999.9 | 999.9 |

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OF POOR QUALITY.

ORIGINAL PAGE 13
OF POOR QUALITY

STATION NO. 532
PEORIA, ILLINOIS

24 APRIL 1982
2300 GMT

DATA INTERPOLATED FROM NWS SIGNIFICANT LEVEL DATA

0 22.

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE NM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 99.9 | 200.0 | 993.0 | 19.4 | -1.2 | 190.0 | 7.2 | 1.3 | 7.1 | 293.1 | 303.0 | 3.5 | 24.8 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 0.8 | 99.9 | 356.1 | 975.0 | 17.0 | -11.7 | 183.4 | 9.6 | 0.6 | 9.6 | 292.3 | 296.9 | 1.6 | 12.9 | 999.9 | 999.9 |
| 1.6 | 99.9 | 576.3 | 950.0 | 14.9 | -11.0 | 186.7 | 11.1 | 1.3 | 11.0 | 292.3 | 297.3 | 1.7 | 15.7 | 999.9 | 999.9 |
| 2.4 | 99.9 | 800.7 | 925.0 | 12.7 | -10.2 | 190.0 | 12.0 | 2.1 | 11.8 | 292.3 | 297.8 | 1.9 | 19.1 | 999.9 | 999.9 |
| 3.2 | 99.9 | 1029.5 | 900.0 | 10.5 | -8.5 | 190.4 | 12.2 | 2.2 | 12.2 | 292.3 | 297.2 | 2.1 | 23.5 | 999.9 | 999.9 |
| 4.0 | 99.9 | 1262.9 | 875.0 | 8.2 | -8.7 | 192.0 | 12.3 | 2.6 | 12.1 | 292.3 | 298.7 | 2.3 | 29.2 | 999.9 | 999.9 |
| 4.9 | 99.9 | 1501.1 | 850.0 | 5.8 | -7.9 | 193.8 | 11.4 | 2.7 | 11.1 | 292.2 | 298.7 | 2.5 | 36.5 | 999.9 | 999.9 |
| 5.8 | 99.9 | 1744.4 | 825.0 | 3.8 | -14.8 | 191.7 | 10.1 | 2.1 | 9.9 | 292.7 | 296.9 | 0.6 | 24.0 | 999.9 | 999.9 |
| 6.7 | 99.9 | 1994.3 | 800.0 | 4.7 | -25.3 | 194.3 | 9.8 | 2.4 | 9.5 | 292.7 | 296.9 | 0.6 | 9.1 | 999.9 | 999.9 |
| 7.6 | 99.9 | 2253.0 | 775.0 | 5.2 | -24.8 | 201.4 | 10.3 | 3.6 | 9.4 | 299.4 | 301.5 | 0.7 | 9.2 | 999.9 | 999.9 |
| 8.5 | 99.9 | 2520.4 | 750.0 | 4.5 | -25.5 | 204.4 | 10.3 | 4.0 | 9.4 | 301.5 | 303.5 | 0.6 | 9.1 | 999.9 | 999.9 |
| 9.5 | 99.9 | 2795.3 | 725.0 | 2.5 | -27.5 | 202.5 | 10.3 | 3.7 | 8.8 | 302.8 | 303.9 | 0.5 | 8.7 | 999.9 | 999.9 |
| 10.5 | 99.9 | 3077.5 | 700.0 | 0.3 | -29.7 | 202.5 | 9.5 | 3.7 | 8.2 | 302.8 | 304.3 | 0.5 | 8.3 | 999.9 | 999.9 |
| 11.4 | 99.9 | 3367.8 | 675.0 | -1.7 | -31.7 | 204.3 | 8.0 | 3.7 | 7.8 | 303.8 | 305.1 | 0.4 | 7.9 | 999.9 | 999.9 |
| 12.4 | 99.9 | 3666.9 | 650.0 | -3.7 | -33.7 | 206.4 | 8.8 | 3.4 | 7.6 | 305.8 | 305.9 | 0.3 | 7.5 | 999.9 | 999.9 |
| 13.4 | 99.9 | 3975.2 | 625.0 | -5.9 | -35.9 | 204.1 | 8.3 | 3.4 | 7.6 | 305.8 | 306.7 | 0.3 | 7.2 | 999.9 | 999.9 |
| 14.5 | 99.9 | 4293.6 | 600.0 | -8.1 | -38.1 | 199.1 | 7.2 | 2.4 | 6.8 | 306.8 | 307.6 | 0.2 | 6.8 | 999.9 | 999.9 |
| 15.6 | 99.9 | 4622.8 | 575.0 | -9.9 | -40.1 | 199.9 | 7.6 | 2.6 | 6.8 | 308.4 | 310.6 | 0.7 | 20.9 | 999.9 | 999.9 |
| 16.7 | 99.9 | 4964.7 | 550.0 | -12.0 | -42.6 | 203.2 | 9.7 | 3.8 | 8.9 | 309.9 | 312.3 | 0.7 | 26.6 | 999.9 | 999.9 |
| 18.0 | 99.9 | 5319.0 | 525.0 | -14.8 | -45.9 | 213.7 | 9.8 | 5.4 | 8.1 | 310.7 | 315.6 | 1.6 | 67.2 | 999.9 | 999.9 |
| 19.2 | 99.9 | 5686.5 | 500.0 | -17.7 | -48.1 | 206.1 | 8.3 | 3.7 | 7.7 | 311.5 | 316.0 | 1.4 | 74.6 | 999.9 | 999.9 |
| 20.5 | 99.9 | 6068.4 | 475.0 | -20.5 | -51.1 | 200.8 | 8.3 | 2.9 | 7.7 | 312.6 | 316.0 | 0.4 | 23.2 | 999.9 | 999.9 |
| 21.8 | 99.9 | 6466.3 | 450.0 | -23.4 | -54.8 | 216.6 | 6.4 | 3.8 | 5.1 | 312.6 | 314.0 | 0.1 | 5.3 | 999.9 | 999.9 |
| 23.3 | 99.9 | 6882.1 | 425.0 | -26.1 | -58.0 | 237.7 | 8.4 | 7.1 | 4.5 | 315.6 | 316.0 | 0.1 | 9.4 | 999.9 | 999.9 |
| 24.9 | 99.9 | 7318.5 | 400.0 | -28.8 | -61.8 | 236.3 | 10.7 | 8.9 | 5.9 | 317.6 | 316.0 | 0.2 | 23.0 | 999.9 | 999.9 |
| 26.5 | 99.9 | 7776.7 | 375.0 | -32.8 | -65.6 | 231.0 | 11.1 | 8.6 | 7.0 | 318.9 | 318.9 | 0.2 | 22.6 | 999.9 | 999.9 |
| 28.3 | 99.9 | 8258.0 | 350.0 | -36.9 | -69.6 | 249.2 | 10.6 | 9.9 | 3.8 | 318.9 | 319.8 | 0.2 | 55.4 | 999.9 | 999.9 |
| 30.2 | 99.9 | 8767.2 | 325.0 | -40.4 | -73.9 | 247.6 | 13.9 | 12.8 | 5.3 | 322.1 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 32.1 | 99.9 | 9307.7 | 300.0 | -44.9 | -78.9 | 250.1 | 19.4 | 18.2 | 6.6 | 322.5 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 34.1 | 99.9 | 9882.6 | 275.0 | -50.2 | -84.9 | 248.8 | 21.1 | 19.7 | 7.6 | 322.7 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 36.2 | 99.9 | 10496.7 | 250.0 | -56.1 | -91.9 | 244.2 | 22.4 | 20.2 | 9.8 | 322.7 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 38.3 | 99.9 | 11158.2 | 225.0 | -61.5 | -98.9 | 247.7 | 20.6 | 19.1 | 7.8 | 324.2 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 40.7 | 99.9 | 11885.3 | 200.0 | -60.2 | -99.9 | 238.3 | 16.2 | 13.8 | 6.5 | 337.4 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 43.8 | 99.9 | 12717.7 | 175.0 | -60.0 | -99.9 | 234.1 | 16.8 | 16.2 | 4.6 | 350.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 47.1 | 99.9 | 13677.5 | 150.0 | -58.5 | -99.9 | 249.2 | 17.6 | 16.4 | 4.6 | 369.3 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 51.1 | 99.9 | 14829.4 | 125.0 | -57.7 | -99.9 | 265.0 | 21.1 | 21.0 | 1.8 | 390.5 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 55.8 | 99.9 | 16233.9 | 100.0 | -59.7 | -99.9 | 265.2 | 17.4 | 17.3 | 1.5 | 412.4 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 61.8 | 99.9 | 18029.0 | 75.0 | -59.2 | -99.9 | 272.4 | 12.3 | 12.3 | -0.4 | 448.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 69.8 | 99.9 | 20585.6 | 50.0 | -57.5 | -99.9 | 278.9 | 2.7 | 2.6 | -0.4 | 508.0 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 83.0 | 99.9 | 25031.2 | 25.0 | -51.4 | -99.9 | 351.5 | 3.6 | 0.5 | -3.6 | 636.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |

STATION NO. 532
PEORIA, ILLINOIS
25 APRIL 1982
1100 GMT

0 8

DATA INTERPOLATED FROM NWS SIGNIFICANT LEVEL DATA

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 99.9 | 200.0 | 991.0 | 11.1 | 4.4 | 180.0 | 4.1 | -0.0 | 4.1 | 285.0 | 288.9 | 5.3 | 63.3 | 999.9 | 999.9 |
| 99.9 | 99.9 | 999.9 | 1000.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 0.5 | 99.9 | 335.9 | 975.0 | 11.1 | 2.7 | 209.7 | 7.8 | 3.8 | 6.7 | 286.3 | 288.9 | 4.8 | 56.1 | 999.9 | 999.9 |
| 1.3 | 99.9 | 552.9 | 950.0 | 11.5 | 1.1 | 222.1 | 11.6 | 7.8 | 8.6 | 288.8 | 300.7 | 4.4 | 49.0 | 999.9 | 999.9 |
| 2.1 | 99.9 | 775.5 | 925.0 | 10.5 | -0.2 | 230.1 | 11.1 | 8.5 | 5.1 | 290.2 | 301.1 | 3.8 | 47.5 | 999.9 | 999.9 |
| 2.8 | 99.9 | 1003.2 | 900.0 | 9.4 | -1.6 | 231.6 | 8.3 | 6.5 | 5.1 | 291.2 | 301.6 | 3.5 | 46.0 | 999.9 | 999.9 |
| 3.7 | 99.9 | 1236.3 | 875.0 | 8.0 | -3.1 | 234.5 | 6.3 | 3.4 | 3.2 | 292.7 | 301.8 | 3.2 | 45.8 | 999.9 | 999.9 |
| 4.6 | 99.9 | 1474.8 | 850.0 | 6.2 | -4.6 | 236.6 | 4.7 | 1.5 | 3.4 | 293.1 | 301.7 | 3.1 | 45.4 | 999.9 | 999.9 |
| 5.5 | 99.9 | 1718.7 | 825.0 | 4.2 | -6.6 | 241.1 | 3.7 | 0.5 | 3.8 | 293.5 | 301.8 | 2.9 | 48.8 | 999.9 | 999.9 |
| 6.5 | 99.9 | 1968.2 | 800.0 | 2.2 | -7.5 | 247.4 | 3.9 | 1.1 | 5.2 | 294.0 | 301.9 | 2.8 | 52.1 | 999.9 | 999.9 |
| 7.5 | 99.9 | 2223.8 | 775.0 | 0.2 | -18.2 | 252.2 | 5.3 | 2.9 | 5.5 | 294.9 | 301.9 | 2.8 | 56.0 | 999.9 | 999.9 |
| 8.5 | 99.9 | 2486.6 | 750.0 | 0.3 | -18.2 | 254.2 | 7.1 | 2.9 | 5.7 | 296.9 | 300.5 | 1.2 | 56.0 | 999.9 | 999.9 |
| 9.5 | 99.9 | 2758.1 | 725.0 | -0.0 | -18.7 | 254.5 | 6.9 | 3.9 | 5.7 | 299.4 | 303.1 | 1.2 | 56.0 | 999.9 | 999.9 |
| 10.5 | 99.9 | 3038.7 | 700.0 | -1.3 | -3.2 | 210.0 | 6.1 | 3.1 | 5.3 | 301.1 | 313.4 | 1.3 | 86.9 | 999.9 | 999.9 |
| 11.5 | 99.9 | 3328.1 | 675.0 | -3.1 | -5.0 | 195.9 | 6.7 | 1.8 | 5.4 | 302.2 | 313.5 | 3.3 | 86.6 | 999.9 | 999.9 |
| 12.6 | 99.9 | 3626.3 | 650.0 | -4.9 | -6.8 | 193.9 | 8.1 | 2.0 | 7.9 | 303.4 | 313.7 | 3.5 | 86.3 | 999.9 | 999.9 |
| 13.7 | 99.9 | 3934.1 | 625.0 | -6.8 | -8.7 | 191.9 | 11.6 | 2.4 | 11.4 | 304.7 | 314.0 | 3.2 | 86.0 | 999.9 | 999.9 |
| 14.9 | 99.9 | 4252.0 | 600.0 | -8.8 | -10.7 | 191.0 | 13.3 | 2.6 | 13.5 | 306.0 | 314.8 | 2.8 | 85.7 | 999.9 | 999.9 |
| 16.1 | 99.9 | 4590.8 | 575.0 | -10.8 | -12.8 | 203.7 | 13.7 | 5.4 | 12.2 | 307.3 | 315.3 | 2.2 | 85.4 | 999.9 | 999.9 |
| 17.3 | 99.9 | 4921.4 | 550.0 | -13.0 | -15.0 | 217.9 | 12.7 | 7.9 | 10.3 | 308.7 | 315.0 | 1.9 | 84.7 | 999.9 | 999.9 |
| 18.6 | 99.9 | 5274.8 | 525.0 | -15.2 | -17.2 | 217.4 | 13.0 | 7.9 | 11.4 | 310.1 | 315.7 | 1.6 | 84.3 | 999.9 | 999.9 |
| 20.0 | 99.9 | 5642.1 | 500.0 | -17.6 | -19.6 | 212.0 | 13.4 | 6.4 | 11.4 | 311.6 | 316.7 | 1.3 | 82.5 | 999.9 | 999.9 |
| 21.4 | 99.9 | 6024.2 | 475.0 | -20.5 | -22.7 | 212.5 | 11.9 | 6.9 | 10.1 | 312.6 | 316.9 | 1.0 | 80.6 | 999.9 | 999.9 |
| 22.9 | 99.9 | 6422.2 | 450.0 | -23.6 | -26.0 | 210.5 | 13.6 | 4.8 | 11.7 | 313.6 | 316.9 | 0.8 | 78.5 | 999.9 | 999.9 |
| 24.4 | 99.9 | 6837.5 | 425.0 | -26.8 | -29.4 | 198.3 | 15.2 | 4.8 | 14.4 | 314.6 | 317.2 | 0.6 | 76.2 | 999.9 | 999.9 |
| 26.1 | 99.9 | 7272.0 | 400.0 | -30.3 | -33.1 | 196.8 | 15.0 | 4.2 | 17.5 | 315.6 | 317.6 | 0.4 | 67.9 | 999.9 | 999.9 |
| 27.8 | 99.9 | 7728.1 | 375.0 | -33.6 | -37.4 | 193.4 | 18.0 | 4.2 | 18.8 | 316.9 | 318.6 | 0.2 | 51.5 | 999.9 | 999.9 |
| 29.5 | 99.9 | 8288.9 | 350.0 | -37.0 | -43.3 | 192.5 | 19.3 | 4.2 | 17.7 | 318.9 | 319.8 | 99.9 | 999.9 | 999.9 | 999.9 |
| 31.2 | 99.9 | 8716.7 | 325.0 | -41.5 | -49.9 | 192.0 | 18.2 | 4.1 | 18.1 | 319.6 | 319.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 32.5 | 99.9 | 9254.7 | 300.0 | -45.9 | -59.9 | 190.0 | 18.8 | 5.2 | 18.1 | 320.7 | 319.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 33.5 | 99.9 | 9828.0 | 275.0 | -50.6 | -69.9 | 186.5 | 16.0 | 4.5 | 15.3 | 321.9 | 319.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 38.2 | 99.9 | 10443.0 | 250.0 | -54.8 | -99.9 | 208.5 | 15.2 | 7.3 | 13.4 | 324.6 | 319.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 40.8 | 99.9 | 11111.8 | 225.0 | -58.1 | -99.9 | 225.7 | 16.2 | 11.6 | 11.3 | 329.5 | 319.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 43.6 | 99.9 | 11852.3 | 200.0 | -57.9 | -99.9 | 212.8 | 16.1 | 8.7 | 13.5 | 341.1 | 319.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 46.7 | 99.9 | 12695.8 | 175.0 | -57.1 | -99.9 | 224.2 | 19.3 | 13.4 | 13.8 | 353.7 | 319.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 50.3 | 99.9 | 13623.7 | 150.0 | -56.1 | -99.9 | 243.7 | 16.5 | 14.8 | 7.2 | 373.4 | 319.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 54.3 | 99.9 | 14837.1 | 125.0 | -55.4 | -99.9 | 245.7 | 17.5 | 15.9 | 0.6 | 394.7 | 319.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 59.3 | 99.9 | 16253.4 | 100.0 | -58.7 | -99.9 | 268.0 | 17.5 | 17.5 | 1.1 | 414.2 | 319.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 65.3 | 99.9 | 18061.5 | 75.0 | -58.5 | -99.9 | 285.4 | 13.4 | 13.3 | 1.4 | 450.4 | 319.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 73.1 | 99.9 | 20629.5 | 50.0 | -57.5 | -99.9 | 297.2 | 1.5 | 1.4 | -0.7 | 508.0 | 319.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 85.6 | 99.9 | 25069.5 | 25.0 | -51.6 | -99.9 | 117.3 | 0.9 | -0.8 | 0.4 | 630.4 | 319.9 | 99.9 | 999.9 | 999.9 | 999.9 |

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OF POOR QUALITY

ORIGINAL PAGE 13
OF POOR QUALITY

STATION NO. 553
OMAHA, NEBRASKA
24 APRIL 1982
1112 GMT

0 7

DATA INTERPOLATED FROM NWS SIGNIFICANT LEVEL DATA

| TIME MIN | CNTCT | HEIGHT GPM | PRES NB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POI T DG K | E POI T DG K | MX RIO CM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 99.9 | 400.0 | 967.1 | 9.7 | 2.8 | 180.0 | 4.6 | -0.0 | 4.6 | 285.6 | 298.4 | 4.9 | 62.1 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 0.6 | 99.9 | 548.3 | 950.0 | 10.0 | 2.0 | 211.2 | 12.1 | 6.3 | 10.4 | 287.3 | 299.7 | 4.7 | 57.5 | 999.9 | 999.9 |
| 1.4 | 99.9 | 770.6 | 925.0 | 11.3 | 1.4 | 220.2 | 17.9 | 11.6 | 13.7 | 290.9 | 303.3 | 4.6 | 50.3 | 999.9 | 999.9 |
| 2.2 | 99.9 | 999.4 | 900.0 | 10.5 | 0.8 | 226.0 | 19.1 | 13.8 | 13.3 | 292.3 | 304.7 | 4.5 | 51.2 | 999.9 | 999.9 |
| 3.1 | 99.9 | 1233.4 | 875.0 | 8.8 | 0.3 | 225.6 | 17.4 | 12.4 | 12.2 | 292.9 | 305.2 | 4.5 | 55.3 | 999.9 | 999.9 |
| 4.0 | 99.9 | 1472.7 | 850.0 | 7.0 | -0.2 | 222.0 | 16.5 | 11.0 | 12.2 | 293.5 | 306.0 | 4.4 | 60.1 | 999.9 | 999.9 |
| 4.9 | 99.9 | 1717.6 | 825.0 | 5.3 | -1.2 | 213.2 | 14.2 | 7.8 | 11.8 | 294.3 | 306.7 | 4.2 | 62.5 | 999.9 | 999.9 |
| 5.8 | 99.9 | 1968.4 | 800.0 | 3.6 | -2.3 | 201.0 | 12.2 | 4.4 | 11.4 | 295.0 | 306.3 | 4.1 | 65.2 | 999.9 | 999.9 |
| 6.8 | 99.9 | 2225.6 | 775.0 | 1.9 | -3.4 | 198.0 | 12.2 | 3.8 | 11.6 | 295.8 | 306.6 | 3.9 | 68.2 | 999.9 | 999.9 |
| 7.7 | 99.9 | 2490.6 | 750.0 | 2.9 | -15.4 | 184.5 | 12.3 | 3.1 | 12.0 | 299.7 | 304.3 | 1.5 | 74.5 | 999.9 | 999.9 |
| 8.7 | 99.9 | 2765.2 | 725.0 | 2.8 | -15.4 | 186.1 | 12.3 | 3.1 | 12.2 | 302.6 | 305.2 | 0.8 | 74.5 | 999.9 | 999.9 |
| 9.7 | 99.9 | 3048.4 | 700.0 | 1.5 | -22.9 | 183.0 | 12.4 | 0.6 | 12.3 | 304.2 | 306.6 | 1.4 | 74.5 | 999.9 | 999.9 |
| 10.7 | 99.9 | 3340.1 | 675.0 | -0.6 | -17.7 | 183.0 | 12.4 | 0.8 | 12.3 | 305.0 | 309.4 | 1.4 | 74.5 | 999.9 | 999.9 |
| 11.8 | 99.9 | 3640.5 | 650.0 | -2.7 | -18.5 | 184.0 | 11.1 | 0.8 | 11.1 | 305.9 | 310.1 | 1.4 | 74.5 | 999.9 | 999.9 |
| 13.1 | 99.9 | 3950.1 | 625.0 | -5.2 | -14.9 | 184.3 | 10.2 | 0.8 | 10.2 | 306.5 | 312.4 | 1.9 | 74.5 | 999.9 | 999.9 |
| 14.2 | 99.9 | 4269.3 | 600.0 | -7.6 | -14.9 | 187.3 | 9.5 | 1.2 | 9.4 | 307.4 | 313.5 | 2.0 | 74.5 | 999.9 | 999.9 |
| 15.4 | 99.9 | 4599.5 | 575.0 | -9.5 | -33.8 | 187.9 | 7.5 | 1.0 | 7.4 | 308.9 | 313.8 | 1.2 | 74.5 | 999.9 | 999.9 |
| 16.7 | 99.9 | 4941.4 | 550.0 | -11.9 | -21.8 | 190.4 | 6.8 | 1.2 | 6.7 | 310.0 | 313.8 | 1.0 | 74.5 | 999.9 | 999.9 |
| 18.0 | 99.9 | 5298.1 | 525.0 | -14.3 | -24.6 | 198.0 | 6.2 | 1.9 | 5.9 | 311.3 | 314.5 | 1.1 | 74.5 | 999.9 | 999.9 |
| 19.4 | 99.9 | 5664.0 | 500.0 | -17.4 | -24.3 | 193.0 | 7.8 | 1.8 | 7.6 | 311.8 | 315.3 | 1.1 | 74.5 | 999.9 | 999.9 |
| 21.0 | 99.9 | 6046.5 | 475.0 | -20.2 | -30.5 | 180.2 | 9.3 | 0.0 | 9.3 | 312.9 | 315.0 | 0.6 | 74.5 | 999.9 | 999.9 |
| 22.5 | 99.9 | 6444.4 | 450.0 | -23.5 | -44.7 | 193.3 | 10.5 | 2.4 | 10.2 | 313.7 | 315.3 | 0.2 | 74.5 | 999.9 | 999.9 |
| 24.2 | 99.9 | 6830.0 | 425.0 | -26.3 | -56.3 | 211.8 | 7.6 | 4.0 | 6.4 | 315.3 | 315.4 | 0.0 | 74.5 | 999.9 | 999.9 |
| 26.1 | 99.9 | 7295.7 | 400.0 | -29.3 | -59.3 | 218.0 | 8.2 | 5.1 | 6.5 | 316.9 | 317.9 | 0.0 | 74.5 | 999.9 | 999.9 |
| 27.8 | 99.9 | 7753.1 | 375.0 | -33.1 | -56.8 | 223.9 | 8.2 | 5.7 | 5.9 | 317.7 | 318.8 | 0.1 | 74.5 | 999.9 | 999.9 |
| 29.7 | 99.9 | 8234.0 | 350.0 | -37.2 | -54.1 | 226.8 | 8.6 | 6.3 | 5.9 | 318.5 | 318.8 | 0.1 | 74.5 | 999.9 | 999.9 |
| 31.6 | 99.9 | 8741.3 | 325.0 | -41.7 | -51.9 | 229.7 | 10.3 | 7.8 | 6.6 | 319.3 | 319.9 | 0.9 | 74.5 | 999.9 | 999.9 |
| 33.7 | 99.9 | 9278.5 | 300.0 | -46.4 | -53.9 | 240.3 | 9.2 | 8.0 | 6.6 | 320.0 | 319.9 | 0.9 | 74.5 | 999.9 | 999.9 |
| 35.8 | 99.9 | 9851.3 | 275.0 | -50.5 | -59.9 | 240.0 | 11.4 | 9.9 | 5.7 | 322.2 | 319.9 | 0.9 | 74.5 | 999.9 | 999.9 |
| 38.1 | 99.9 | 10466.8 | 250.0 | -54.9 | -66.3 | 251.5 | 12.6 | 12.0 | 4.0 | 324.5 | 319.9 | 0.9 | 74.5 | 999.9 | 999.9 |
| 40.6 | 99.9 | 11133.4 | 225.0 | -59.3 | -66.3 | 235.9 | 10.0 | 8.3 | 5.8 | 327.7 | 319.9 | 0.9 | 74.5 | 999.9 | 999.9 |
| 43.2 | 99.9 | 11887.5 | 200.0 | -61.5 | -66.3 | 248.4 | 9.5 | 8.8 | 5.8 | 335.4 | 319.9 | 0.9 | 74.5 | 999.9 | 999.9 |
| 46.2 | 99.9 | 12688.6 | 175.0 | -59.8 | -66.3 | 241.5 | 12.1 | 10.6 | 5.8 | 335.4 | 319.9 | 0.9 | 74.5 | 999.9 | 999.9 |
| 48.6 | 99.9 | 13688.6 | 150.0 | -57.8 | -66.3 | 264.6 | 14.9 | 14.9 | 1.4 | 370.5 | 319.9 | 0.9 | 74.5 | 999.9 | 999.9 |
| 52.7 | 99.9 | 14821.3 | 125.0 | -56.7 | -66.3 | 263.4 | 14.1 | 14.0 | 1.6 | 392.3 | 319.9 | 0.9 | 74.5 | 999.9 | 999.9 |
| 58.4 | 99.9 | 16232.2 | 100.0 | -57.9 | -66.3 | 261.6 | 15.6 | 15.5 | 2.3 | 415.9 | 319.9 | 0.9 | 74.5 | 999.9 | 999.9 |
| 64.3 | 99.9 | 18051.8 | 75.0 | -56.5 | -66.3 | 267.9 | 12.4 | 12.3 | 0.5 | 454.4 | 319.9 | 0.9 | 74.5 | 999.9 | 999.9 |
| 72.2 | 99.9 | 20824.8 | 50.0 | -58.9 | -66.3 | 305.5 | 2.7 | 2.2 | -1.6 | 509.4 | 319.9 | 0.9 | 74.5 | 999.9 | 999.9 |
| 83.7 | 99.9 | 25075.7 | 25.0 | -52.0 | -66.3 | 71.0 | 3.3 | -3.1 | -1.1 | 635.2 | 319.9 | 0.9 | 74.5 | 999.9 | 999.9 |

STATION NO. 553
OMAHA, NEBRASKA

24 APRIL 1982
2315 GMT

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DATA INTERPOLATED FROM NWS SIGNIFICANT LEVEL DATA

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 99.9 | 400.0 | 962.1 | 18.5 | 4.2 | 180.0 | 8.2 | -0.0 | 8.2 | 294.9 | 309.7 | 5.4 | 38.7 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 0.4 | 99.9 | 508.3 | 950.0 | 17.7 | 1.2 | 179.5 | 10.3 | -0.1 | 10.3 | 295.1 | 307.3 | 4.4 | 32.9 | 999.9 | 999.9 |
| 1.1 | 99.9 | 735.3 | 925.0 | 15.7 | 0.7 | 179.3 | 13.8 | -0.2 | 13.8 | 295.4 | 307.5 | 4.4 | 36.0 | 999.9 | 999.9 |
| 1.9 | 99.9 | 987.0 | 900.0 | 13.8 | 0.6 | 180.9 | 13.4 | 0.2 | 13.4 | 295.7 | 308.0 | 4.4 | 40.5 | 999.9 | 999.9 |
| 2.8 | 99.9 | 1203.5 | 875.0 | 11.7 | 0.4 | 193.4 | 14.1 | 3.3 | 13.7 | 296.0 | 308.5 | 4.5 | 45.7 | 999.9 | 999.9 |
| 3.6 | 99.9 | 1445.1 | 850.0 | 9.6 | 0.2 | 204.7 | 14.0 | 5.9 | 12.7 | 296.2 | 308.9 | 4.6 | 51.8 | 999.9 | 999.9 |
| 4.6 | 99.9 | 1692.2 | 825.0 | 7.6 | 0.2 | 213.9 | 12.3 | 8.8 | 10.2 | 296.6 | 309.7 | 4.7 | 59.4 | 999.9 | 999.9 |
| 5.6 | 99.9 | 1945.1 | 800.0 | 5.6 | 0.5 | 220.7 | 11.6 | 7.6 | 8.8 | 297.1 | 310.9 | 5.0 | 69.6 | 999.9 | 999.9 |
| 6.6 | 99.9 | 2204.2 | 775.0 | 3.6 | 1.1 | 228.5 | 11.2 | 8.4 | 7.4 | 297.7 | 312.6 | 5.4 | 82.4 | 999.9 | 999.9 |
| 7.6 | 99.9 | 2470.4 | 750.0 | 3.3 | 1.2 | 237.9 | 8.1 | 6.9 | 4.3 | 300.1 | 315.7 | 5.6 | 86.4 | 999.9 | 999.9 |
| 8.8 | 99.9 | 2746.2 | 725.0 | 4.4 | -9.7 | 249.3 | 2.2 | 4.1 | 1.5 | 304.3 | 311.8 | 2.5 | 86.4 | 999.9 | 999.9 |
| 9.9 | 99.9 | 3030.7 | 700.0 | 2.0 | -11.7 | 262.2 | 2.2 | 2.2 | -0.6 | 305.4 | 311.4 | 2.0 | 86.4 | 999.9 | 999.9 |
| 11.1 | 99.9 | 3323.0 | 675.0 | -0.2 | -13.8 | 266.7 | 1.1 | 0.8 | -0.6 | 305.4 | 311.3 | 1.7 | 86.4 | 999.9 | 999.9 |
| 12.3 | 99.9 | 3623.7 | 650.0 | -2.6 | -15.9 | 270.7 | 1.5 | 1.1 | -0.0 | 305.8 | 312.0 | 1.5 | 86.4 | 999.9 | 999.9 |
| 13.7 | 99.9 | 3933.5 | 625.0 | -4.9 | -14.5 | 259.3 | 2.6 | 1.6 | 2.0 | 307.3 | 312.0 | 1.5 | 86.4 | 999.9 | 999.9 |
| 15.0 | 99.9 | 4253.0 | 600.0 | -7.6 | -18.4 | 218.3 | 5.5 | 0.9 | 5.4 | 307.8 | 311.1 | 0.7 | 86.4 | 999.9 | 999.9 |
| 16.3 | 99.9 | 4582.6 | 575.0 | -10.4 | -22.6 | 189.0 | 5.8 | 0.2 | 5.8 | 308.3 | 310.6 | 0.5 | 86.4 | 999.9 | 999.9 |
| 17.7 | 99.9 | 4922.9 | 550.0 | -13.4 | -27.9 | 166.7 | 4.2 | -1.0 | 4.1 | 310.6 | 312.5 | 0.5 | 86.4 | 999.9 | 999.9 |
| 19.2 | 99.9 | 5276.0 | 525.0 | -14.8 | -30.4 | 160.9 | 2.0 | -0.6 | 1.8 | 312.0 | 312.9 | 0.5 | 86.4 | 999.9 | 999.9 |
| 20.6 | 99.9 | 5643.6 | 500.0 | -17.3 | -32.5 | 160.9 | 4.6 | -1.8 | 4.6 | 312.9 | 314.5 | 0.4 | 86.4 | 999.9 | 999.9 |
| 22.1 | 99.9 | 6025.8 | 475.0 | -20.3 | -33.6 | 165.6 | 6.5 | -1.4 | 6.3 | 313.9 | 315.4 | 0.5 | 86.4 | 999.9 | 999.9 |
| 23.7 | 99.9 | 6424.0 | 450.0 | -23.4 | -34.7 | 163.8 | 7.4 | -1.4 | 7.2 | 315.1 | 316.8 | 0.5 | 86.4 | 999.9 | 999.9 |
| 25.4 | 99.9 | 6839.5 | 425.0 | -26.4 | -34.4 | 169.0 | 6.7 | -1.5 | 6.5 | 318.2 | 320.3 | 0.4 | 86.4 | 999.9 | 999.9 |
| 27.2 | 99.9 | 7276.6 | 400.0 | -28.3 | -32.5 | 167.4 | 7.7 | -0.3 | 7.7 | 318.9 | 320.4 | 0.3 | 86.4 | 999.9 | 999.9 |
| 29.2 | 99.9 | 7735.8 | 375.0 | -32.3 | -37.2 | 177.5 | 8.8 | -1.5 | 8.7 | 319.8 | 320.8 | 0.3 | 86.4 | 999.9 | 999.9 |
| 31.0 | 99.9 | 8218.6 | 350.0 | -36.3 | -41.1 | 174.0 | 12.4 | -2.8 | 12.3 | 320.7 | 320.9 | 0.3 | 86.4 | 999.9 | 999.9 |
| 33.0 | 99.9 | 8728.1 | 325.0 | -40.6 | -49.9 | 172.9 | 16.7 | -2.5 | 16.4 | 321.9 | 320.9 | 0.3 | 86.4 | 999.9 | 999.9 |
| 35.2 | 99.9 | 9268.1 | 300.0 | -45.0 | -53.7 | 170.3 | 14.2 | 15.5 | 14.0 | 323.0 | 320.9 | 0.3 | 86.4 | 999.9 | 999.9 |
| 37.3 | 99.9 | 9843.4 | 275.0 | -49.9 | -57.2 | 190.1 | 13.9 | 18.6 | 12.3 | 325.2 | 320.9 | 0.3 | 86.4 | 999.9 | 999.9 |
| 40.0 | 99.9 | 10461.2 | 250.0 | -53.7 | -57.2 | 208.0 | 13.0 | 18.6 | 11.3 | 330.9 | 320.9 | 0.3 | 86.4 | 999.9 | 999.9 |
| 42.7 | 99.9 | 11133.2 | 225.0 | -57.2 | -57.2 | 215.9 | 14.7 | 18.6 | 11.3 | 343.5 | 320.9 | 0.3 | 86.4 | 999.9 | 999.9 |
| 45.7 | 99.9 | 11876.4 | 200.0 | -58.0 | -59.9 | 209.3 | 18.0 | 15.4 | 9.3 | 354.3 | 320.9 | 0.3 | 86.4 | 999.9 | 999.9 |
| 49.0 | 99.9 | 12721.2 | 175.0 | -58.3 | -59.9 | 239.0 | 17.3 | 15.4 | 2.1 | 373.1 | 320.9 | 0.3 | 86.4 | 999.9 | 999.9 |
| 53.0 | 99.9 | 13695.1 | 150.0 | -55.8 | -59.9 | 263.1 | 15.3 | 15.3 | -0.8 | 417.6 | 320.9 | 0.3 | 86.4 | 999.9 | 999.9 |
| 57.4 | 99.9 | 14856.7 | 125.0 | -57.0 | -59.9 | 273.0 | 9.5 | 17.2 | -0.3 | 455.0 | 320.9 | 0.3 | 86.4 | 999.9 | 999.9 |
| 62.8 | 99.9 | 16273.6 | 100.0 | -56.2 | -59.9 | 267.8 | 7.2 | 17.2 | -0.3 | 510.1 | 320.9 | 0.3 | 86.4 | 999.9 | 999.9 |
| 69.4 | 99.9 | 18093.3 | 75.0 | -56.6 | -59.9 | 272.0 | 1.3 | 17.2 | -0.3 | 533.2 | 320.9 | 0.3 | 86.4 | 999.9 | 999.9 |
| 78.0 | 99.9 | 20672.2 | 50.0 | -52.7 | -59.9 | 272.0 | 1.3 | 17.2 | -0.3 | 533.2 | 320.9 | 0.3 | 86.4 | 999.9 | 999.9 |
| 91.3 | 99.9 | 25128.2 | 25.0 | -52.7 | -59.9 | 54.5 | 1.3 | 17.2 | -0.3 | 533.2 | 320.9 | 0.3 | 86.4 | 999.9 | 999.9 |

ORIGINAL PAGE 19
OF POOR QUALITY

ORIGINAL PAGE 19
OF POOR QUALITY

STATION NO. 553
OMAHA, NEBRASKA

25 APRIL 1982
1108 GMT

DATA INTERPOLATED FROM NWS SIGNIFICANT LEVEL DATA

0 22

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT I DG K | E POT I DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 99.9 | 400.0 | 962.8 | 10.0 | 4.4 | 180.0 | 3.6 | -0.0 | 3.6 | 286.2 | 300.6 | 5.5 | 68.1 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0.4 | 99.9 | 511.3 | 975.0 | 99.9 | 2.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 1.3 | 99.9 | 733.0 | 950.0 | 10.0 | 2.6 | 203.9 | 6.0 | 2.4 | 5.5 | 287.3 | 300.3 | 4.9 | 60.3 | 999.9 | 999.9 |
| 2.2 | 99.9 | 925.0 | 925.0 | 9.6 | 3.8 | 220.6 | 10.1 | 6.5 | 7.6 | 289.1 | 303.6 | 5.4 | 67.0 | 999.9 | 999.9 |
| 3.0 | 99.9 | 960.6 | 900.0 | 8.2 | 4.9 | 232.3 | 9.3 | 7.4 | 5.7 | 291.0 | 307.2 | 6.1 | 74.6 | 999.9 | 999.9 |
| 3.9 | 99.9 | 1194.1 | 875.0 | 7.1 | 4.5 | 227.8 | 7.1 | 5.3 | 4.8 | 292.4 | 308.6 | 6.0 | 77.1 | 999.9 | 999.9 |
| 4.8 | 99.9 | 1435.4 | 850.0 | 6.1 | 3.5 | 221.9 | 5.8 | 3.9 | 4.7 | 293.6 | 311.9 | 5.8 | 77.8 | 999.9 | 999.9 |
| 5.8 | 99.9 | 1678.9 | 825.0 | 5.1 | 4.4 | 231.0 | 6.1 | 4.7 | 3.8 | 295.1 | 311.9 | 6.2 | 85.8 | 999.9 | 999.9 |
| 6.7 | 99.9 | 1931.2 | 800.0 | 3.5 | 2.6 | 227.5 | 7.0 | 5.1 | 4.7 | 296.6 | 314.6 | 6.6 | 94.8 | 999.9 | 999.9 |
| 7.7 | 99.9 | 2190.2 | 775.0 | 1.9 | 0.6 | 221.7 | 7.2 | 4.8 | 4.8 | 297.6 | 314.6 | 6.0 | 93.2 | 999.9 | 999.9 |
| 8.7 | 99.9 | 2458.1 | 750.0 | 0.3 | -2.7 | 218.0 | 6.1 | 3.8 | 4.8 | 298.8 | 313.5 | 5.3 | 91.0 | 999.9 | 999.9 |
| 9.8 | 99.9 | 2729.2 | 725.0 | -1.2 | -6.6 | 194.3 | 3.3 | 2.0 | 2.7 | 299.8 | 312.1 | 4.3 | 79.9 | 999.9 | 999.9 |
| 10.9 | 99.9 | 3010.2 | 700.0 | -3.4 | -7.0 | 142.5 | 3.3 | -2.0 | 2.7 | 301.2 | 310.8 | 3.3 | 66.6 | 999.9 | 999.9 |
| 12.0 | 99.9 | 3298.3 | 675.0 | -5.7 | -7.4 | 112.2 | 3.1 | -3.6 | -1.9 | 301.9 | 311.6 | 3.4 | 76.2 | 999.9 | 999.9 |
| 13.1 | 99.9 | 3586.8 | 650.0 | -7.9 | -8.6 | 62.1 | 4.0 | -4.7 | -4.0 | 302.5 | 312.4 | 3.4 | 87.8 | 999.9 | 999.9 |
| 14.2 | 99.9 | 3903.4 | 625.0 | -10.1 | -11.0 | 52.6 | 6.0 | -4.8 | -3.6 | 303.4 | 312.7 | 2.8 | 94.7 | 999.9 | 999.9 |
| 15.3 | 99.9 | 4219.8 | 600.0 | -12.3 | -13.4 | 49.7 | 4.9 | -4.6 | -3.6 | 304.5 | 312.7 | 2.4 | 93.0 | 999.9 | 999.9 |
| 16.5 | 99.9 | 4546.9 | 575.0 | -14.6 | -16.0 | 39.7 | 4.0 | -4.0 | -1.9 | 305.6 | 312.8 | 2.0 | 91.1 | 999.9 | 999.9 |
| 17.8 | 99.9 | 4885.5 | 550.0 | -17.0 | -18.7 | 15.1 | 2.4 | -2.1 | -0.0 | 306.8 | 312.8 | 1.7 | 89.1 | 999.9 | 999.9 |
| 19.1 | 99.9 | 5236.6 | 525.0 | -19.6 | -21.5 | 123.8 | 2.2 | -1.8 | 1.0 | 307.9 | 313.1 | 1.4 | 87.0 | 999.9 | 999.9 |
| 20.5 | 99.9 | 5601.1 | 500.0 | -22.3 | -24.6 | 120.8 | 4.1 | -3.5 | 1.2 | 309.2 | 313.5 | 1.1 | 84.7 | 999.9 | 999.9 |
| 22.1 | 99.9 | 5980.3 | 475.0 | -25.6 | -29.9 | 115.3 | 3.6 | -3.5 | 2.1 | 310.4 | 313.9 | 0.7 | 80.9 | 999.9 | 999.9 |
| 23.7 | 99.9 | 6375.2 | 450.0 | -29.2 | -34.6 | 118.7 | 3.9 | -3.5 | 1.5 | 311.7 | 313.2 | 0.5 | 67.0 | 999.9 | 999.9 |
| 25.3 | 99.9 | 6788.9 | 425.0 | -33.1 | -38.3 | 156.1 | 5.4 | -2.2 | 1.8 | 312.0 | 313.2 | 0.3 | 59.2 | 999.9 | 999.9 |
| 26.8 | 99.9 | 7218.8 | 400.0 | -36.9 | -42.9 | 172.8 | 6.2 | -0.8 | 5.0 | 312.8 | 313.6 | 0.2 | 53.4 | 999.9 | 999.9 |
| 30.5 | 99.9 | 8140.5 | 350.0 | -40.7 | -49.9 | 159.5 | 7.5 | -2.6 | 7.0 | 313.8 | 313.9 | 0.2 | 53.4 | 999.9 | 999.9 |
| 32.5 | 99.9 | 8641.6 | 325.0 | -43.9 | -53.7 | 174.4 | 7.7 | -6.9 | 3.6 | 316.1 | 313.9 | 0.3 | 53.4 | 999.9 | 999.9 |
| 34.8 | 99.9 | 9174.6 | 300.0 | -47.4 | -57.1 | 110.5 | 7.2 | -8.7 | 2.5 | 318.6 | 313.9 | 0.3 | 53.4 | 999.9 | 999.9 |
| 37.3 | 99.9 | 9718.6 | 275.0 | -50.3 | -60.9 | 118.0 | 9.2 | -8.1 | 4.3 | 322.4 | 313.9 | 0.3 | 53.4 | 999.9 | 999.9 |
| 39.9 | 99.9 | 10384.3 | 250.0 | -53.5 | -64.1 | 153.7 | 7.4 | -8.6 | 3.3 | 324.5 | 313.9 | 0.3 | 53.4 | 999.9 | 999.9 |
| 42.8 | 99.9 | 11039.5 | 225.0 | -57.1 | -67.1 | 188.0 | 9.8 | -1.4 | 9.7 | 333.9 | 313.9 | 0.3 | 53.4 | 999.9 | 999.9 |
| 45.9 | 99.9 | 11788.2 | 200.0 | -54.1 | -64.1 | 235.1 | 7.5 | 6.4 | 4.4 | 332.4 | 313.9 | 0.3 | 53.4 | 999.9 | 999.9 |
| 49.3 | 99.9 | 12641.2 | 175.0 | -53.7 | -54.6 | 232.6 | 11.8 | 11.3 | 3.5 | 330.7 | 313.9 | 0.3 | 53.4 | 999.9 | 999.9 |
| 53.8 | 99.9 | 13631.2 | 150.0 | -57.1 | -57.1 | 251.0 | 13.0 | 13.3 | 4.8 | 336.1 | 313.9 | 0.3 | 53.4 | 999.9 | 999.9 |
| 58.9 | 99.9 | 14802.7 | 125.0 | -57.1 | -57.1 | 266.0 | 11.8 | 13.0 | 4.8 | 336.1 | 313.9 | 0.3 | 53.4 | 999.9 | 999.9 |
| 65.0 | 99.9 | 16211.4 | 100.0 | -57.1 | -57.1 | 257.9 | 11.8 | 13.0 | 4.8 | 336.1 | 313.9 | 0.3 | 53.4 | 999.9 | 999.9 |
| 73.2 | 99.9 | 18039.8 | 75.0 | -57.1 | -57.1 | 257.9 | 11.8 | 13.0 | 4.8 | 336.1 | 313.9 | 0.3 | 53.4 | 999.9 | 999.9 |
| 85.2 | 99.9 | 20615.3 | 50.0 | -55.3 | -55.3 | 283.2 | 4.1 | -4.0 | -0.9 | 513.2 | 313.9 | 0.3 | 53.4 | 999.9 | 999.9 |
| | 99.9 | 25070.0 | 25.0 | -51.4 | -51.4 | 127.4 | 5.2 | -4.2 | -3.2 | 637.0 | 313.9 | 0.3 | 53.4 | 999.9 | 999.9 |

STATION NO. 582
NORTH PLATTE, NEBRASKA

24 APRIL 1982
1115 GMT

0 7.

DATA INTERPOLATED FROM NWS SIGNIFICANT LEVEL DATA

| TIME MIN | QNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 99.9 | 847.0 | 911.6 | 3.9 | 1.4 | 160.0 | 5.1 | -1.8 | 4.8 | 284.5 | 296.8 | 4.7 | 83.7 | 999.9 | 999.9 |
| 99.9 | 99.9 | 1000.0 | 910.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 975.0 | 975.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 950.0 | 950.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 925.0 | 925.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 0.4 | 99.9 | 951.7 | 900.0 | 6.4 | 1.8 | 182.4 | 6.8 | 0.3 | 6.8 | 288.1 | 304.1 | 4.9 | 77.1 | 999.9 | 999.9 |
| 1.1 | 99.9 | 1183.3 | 875.0 | 7.0 | 2.1 | 202.6 | 10.1 | 3.9 | 9.3 | 291.1 | 304.9 | 5.1 | 71.1 | 999.9 | 999.9 |
| 1.9 | 99.9 | 1422.7 | 850.0 | 9.9 | 2.7 | 224.2 | 9.7 | 6.8 | 7.0 | 301.5 | 311.6 | 5.5 | 60.8 | 999.9 | 999.9 |
| 2.7 | 99.9 | 1672.7 | 825.0 | 12.3 | -0.0 | 226.4 | 9.1 | 6.6 | 6.3 | 301.5 | 314.7 | 4.6 | 42.6 | 999.9 | 999.9 |
| 3.5 | 99.9 | 1929.9 | 800.0 | 10.7 | -2.2 | 217.6 | 9.8 | 5.0 | 7.8 | 302.5 | 314.2 | 4.1 | 40.4 | 999.9 | 999.9 |
| 4.5 | 99.9 | 2193.7 | 775.0 | 9.0 | -4.5 | 209.2 | 10.6 | 5.2 | 9.2 | 303.5 | 313.8 | 3.6 | 38.2 | 999.9 | 999.9 |
| 5.4 | 99.9 | 2464.4 | 750.0 | 7.2 | -6.8 | 204.1 | 9.6 | 3.9 | 8.8 | 304.4 | 313.4 | 3.1 | 36.2 | 999.9 | 999.9 |
| 6.3 | 99.9 | 2742.2 | 725.0 | 5.0 | -9.3 | 202.0 | 8.6 | 3.2 | 7.9 | 305.0 | 312.8 | 2.6 | 34.5 | 999.9 | 999.9 |
| 7.3 | 99.9 | 3027.4 | 700.0 | 2.8 | -11.9 | 202.9 | 7.9 | 2.1 | 7.3 | 305.6 | 312.2 | 2.2 | 32.9 | 999.9 | 999.9 |
| 8.3 | 99.9 | 3320.2 | 675.0 | -0.1 | -12.5 | 196.4 | 7.0 | 0.7 | 6.7 | 305.6 | 312.1 | 2.0 | 32.4 | 999.9 | 999.9 |
| 9.3 | 99.9 | 3620.8 | 650.0 | -2.9 | -13.7 | 186.0 | 6.9 | 0.7 | 6.8 | 305.6 | 312.1 | 2.0 | 32.4 | 999.9 | 999.9 |
| 10.4 | 99.9 | 3930.8 | 625.0 | -4.4 | -19.2 | 183.6 | 7.0 | 3.4 | 7.0 | 307.4 | 311.6 | 1.3 | 30.4 | 999.9 | 999.9 |
| 11.5 | 99.9 | 4251.1 | 600.0 | -6.5 | -22.4 | 184.4 | 6.4 | 0.5 | 6.4 | 308.6 | 311.9 | 1.0 | 28.9 | 999.9 | 999.9 |
| 12.6 | 99.9 | 4582.2 | 575.0 | -8.9 | -25.1 | 183.0 | 5.3 | 0.3 | 5.3 | 309.5 | 312.3 | 0.9 | 26.9 | 999.9 | 999.9 |
| 13.7 | 99.9 | 4924.7 | 550.0 | -11.4 | -27.8 | 182.9 | 5.0 | 0.3 | 5.0 | 310.5 | 312.8 | 0.7 | 25.6 | 999.9 | 999.9 |
| 14.9 | 99.9 | 5279.7 | 525.0 | -14.2 | -30.4 | 186.8 | 6.5 | 0.8 | 6.5 | 311.4 | 313.3 | 0.6 | 24.2 | 999.9 | 999.9 |
| 16.2 | 99.9 | 5647.5 | 500.0 | -17.6 | -32.3 | 190.9 | 6.1 | 1.1 | 6.0 | 311.6 | 313.3 | 0.5 | 23.6 | 999.9 | 999.9 |
| 17.3 | 99.9 | 6029.0 | 475.0 | -20.9 | -35.0 | 191.8 | 6.3 | 1.3 | 6.2 | 312.1 | 313.5 | 0.4 | 22.8 | 999.9 | 999.9 |
| 18.6 | 99.9 | 6425.8 | 450.0 | -24.3 | -37.8 | 201.9 | 6.9 | 1.3 | 6.2 | 312.7 | 313.8 | 0.3 | 22.2 | 999.9 | 999.9 |
| 19.9 | 99.9 | 6840.1 | 425.0 | -27.2 | -40.7 | 190.9 | 8.3 | 1.6 | 8.2 | 314.2 | 313.1 | 0.3 | 22.2 | 999.9 | 999.9 |
| 21.4 | 99.9 | 7274.2 | 400.0 | -30.2 | -43.7 | 179.9 | 8.9 | -0.0 | 8.9 | 315.8 | 313.4 | 0.2 | 22.2 | 999.9 | 999.9 |
| 23.0 | 99.9 | 7729.9 | 375.0 | -34.1 | -46.7 | 191.1 | 10.8 | 2.1 | 10.6 | 316.5 | 317.0 | 0.1 | 25.2 | 999.9 | 999.9 |
| 24.7 | 99.9 | 8208.9 | 350.0 | -38.2 | -50.0 | 202.0 | 9.8 | 3.2 | 9.1 | 317.2 | 317.5 | 0.1 | 27.4 | 999.9 | 999.9 |
| 26.5 | 99.9 | 8714.5 | 325.0 | -42.1 | -50.9 | 198.6 | 10.0 | 3.2 | 9.5 | 318.6 | 317.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 28.3 | 99.9 | 9251.5 | 300.0 | -46.1 | 99.9 | 199.7 | 12.5 | 4.6 | 11.7 | 320.4 | 318.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 30.3 | 99.9 | 9825.3 | 275.0 | -50.0 | 99.9 | 200.1 | 13.5 | 4.6 | 12.7 | 322.9 | 318.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 32.4 | 99.9 | 10442.4 | 250.0 | -54.2 | 99.9 | 196.0 | 10.9 | 2.4 | 10.5 | 325.5 | 318.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 34.5 | 99.9 | 11112.8 | 225.0 | -57.7 | 99.9 | 196.0 | 8.8 | 2.4 | 8.4 | 330.2 | 318.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 36.8 | 99.9 | 11851.6 | 200.0 | -59.8 | 99.9 | 208.5 | 7.0 | 3.3 | 6.2 | 338.1 | 318.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 39.3 | 99.9 | 12690.2 | 175.0 | -57.9 | 99.9 | 221.5 | 10.4 | 6.9 | 7.8 | 354.4 | 318.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 42.2 | 99.9 | 13668.8 | 150.0 | -54.7 | 99.9 | 245.8 | 12.6 | 11.5 | 5.2 | 375.8 | 318.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 45.8 | 99.9 | 14833.2 | 125.0 | -55.6 | 99.9 | 261.6 | 13.5 | 13.3 | 2.0 | 394.4 | 318.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 50.2 | 99.9 | 16252.0 | 100.0 | -56.6 | 99.9 | 267.0 | 13.5 | 13.5 | 0.7 | 418.4 | 318.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 56.2 | 99.9 | 18074.5 | 75.0 | -56.0 | 99.9 | 257.9 | 10.4 | 10.1 | 2.2 | 451.6 | 318.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 64.0 | 99.9 | 20647.4 | 50.0 | -55.1 | 99.9 | 307.0 | 5.7 | 4.5 | -0.6 | 513.7 | 318.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 76.3 | 99.9 | 25109.6 | 25.0 | -52.2 | 99.9 | 82.5 | 4.4 | -4.4 | -0.6 | 634.5 | 318.9 | 99.9 | 999.9 | 999.9 | 999.9 |

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OF POOR QUALITY

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 562
NORTH PLATTE, NEBRASKA
24 APRIL 1982
2300 GMT

DATA INTERPOLATED FROM NWS SIGNIFICANT LEVEL DATA

0 10

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | WX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 99.9 | 847.0 | 909.6 | 18.8 | 6.6 | 160.0 | 6.2 | -2.1 | 5.8 | 300.0 | 318.6 | 6.8 | 44.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 950.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 0.4 | 99.9 | 937.6 | 900.0 | 18.7 | 4.8 | 166.6 | 6.7 | -1.5 | 6.5 | 288.7 | 315.4 | 6.0 | 45.3 | 999.9 | 999.9 |
| 1.3 | 99.9 | 1176.6 | 875.0 | 14.2 | 3.9 | 175.3 | 7.7 | -0.5 | 7.7 | 288.5 | 314.8 | 5.8 | 50.0 | 999.9 | 999.9 |
| 2.3 | 99.9 | 1420.4 | 850.0 | 11.6 | 3.0 | 175.0 | 7.9 | -0.7 | 7.8 | 298.3 | 313.8 | 5.6 | 55.5 | 999.9 | 999.9 |
| 3.3 | 99.9 | 1689.2 | 825.0 | 9.3 | 2.6 | 172.0 | 8.1 | -1.1 | 8.0 | 298.4 | 314.0 | 5.6 | 63.0 | 999.9 | 999.9 |
| 4.2 | 99.9 | 1923.5 | 800.0 | 6.9 | 2.2 | 166.9 | 7.3 | -1.7 | 7.1 | 298.5 | 314.1 | 5.6 | 72.1 | 999.9 | 999.9 |
| 5.2 | 99.9 | 2183.7 | 775.0 | 5.1 | 0.9 | 159.6 | 6.3 | -2.8 | 5.6 | 314.1 | 314.1 | 5.3 | 74.3 | 999.9 | 999.9 |
| 6.0 | 99.9 | 2451.8 | 750.0 | 5.5 | -4.3 | 133.3 | 7.2 | -5.3 | 5.0 | 302.5 | 313.2 | 3.7 | 49.3 | 999.9 | 999.9 |
| 6.9 | 99.9 | 2729.0 | 725.0 | 4.6 | -5.7 | 116.9 | 8.6 | -7.7 | 3.9 | 304.5 | 314.6 | 3.4 | 46.9 | 999.9 | 999.9 |
| 7.9 | 99.9 | 3014.0 | 700.0 | 2.5 | -7.3 | 101.3 | 8.3 | -8.0 | 2.2 | 305.3 | 314.6 | 3.2 | 48.3 | 999.9 | 999.9 |
| 9.0 | 99.9 | 3306.8 | 675.0 | -0.2 | -8.5 | 92.4 | 7.7 | -7.7 | 0.3 | 305.4 | 314.2 | 3.0 | 53.8 | 999.9 | 999.9 |
| 10.1 | 99.9 | 3607.4 | 650.0 | -3.1 | -9.7 | 82.5 | 7.2 | -7.2 | -0.9 | 305.5 | 313.9 | 2.8 | 60.3 | 999.9 | 999.9 |
| 11.2 | 99.9 | 3916.6 | 625.0 | -5.7 | -10.3 | 78.5 | 7.7 | -7.6 | -1.5 | 305.9 | 314.2 | 2.8 | 69.7 | 999.9 | 999.9 |
| 12.4 | 99.9 | 4235.4 | 600.0 | -8.3 | -11.0 | 84.4 | 7.3 | -7.3 | -0.7 | 306.5 | 314.8 | 2.8 | 80.8 | 999.9 | 999.9 |
| 13.7 | 99.9 | 4564.6 | 575.0 | -10.8 | -13.4 | 79.6 | 7.0 | -6.9 | -1.3 | 307.4 | 314.5 | 2.4 | 80.8 | 999.9 | 999.9 |
| 14.9 | 99.9 | 4905.0 | 550.0 | -13.1 | -17.2 | 64.1 | 7.2 | -6.5 | -3.1 | 308.5 | 314.1 | 1.8 | 71.2 | 999.9 | 999.9 |
| 16.2 | 99.9 | 5258.2 | 525.0 | -15.7 | -25.1 | 50.7 | 7.0 | -5.4 | -4.4 | 309.6 | 312.7 | 0.9 | 44.1 | 999.9 | 999.9 |
| 17.7 | 99.9 | 5624.5 | 500.0 | -18.6 | -19.6 | 65.8 | 5.0 | -4.6 | -2.1 | 310.4 | 315.4 | 1.6 | 91.8 | 999.9 | 999.9 |
| 19.1 | 99.9 | 6005.1 | 475.0 | -21.5 | -22.7 | 99.4 | 5.7 | -5.7 | 0.9 | 311.4 | 315.5 | 1.3 | 89.4 | 999.9 | 999.9 |
| 20.6 | 99.9 | 6401.6 | 450.0 | -24.5 | -26.0 | 97.2 | 4.8 | -4.7 | 0.5 | 312.5 | 315.7 | 1.0 | 85.8 | 999.9 | 999.9 |
| 22.1 | 99.9 | 6815.7 | 425.0 | -27.0 | -30.7 | 76.2 | 3.6 | -3.5 | -0.9 | 314.4 | 316.7 | 0.7 | 70.5 | 999.9 | 999.9 |
| 23.9 | 99.9 | 7249.2 | 400.0 | -31.3 | -34.8 | 38.8 | 4.5 | -2.8 | -3.5 | 314.4 | 317.2 | 0.5 | 70.5 | 999.9 | 999.9 |
| 25.6 | 99.9 | 7703.5 | 375.0 | -34.1 | -43.6 | 59.4 | 5.2 | -4.5 | -2.6 | 316.4 | 317.2 | 0.2 | 37.2 | 999.9 | 999.9 |
| 27.3 | 99.9 | 8183.5 | 350.0 | -37.6 | -44.4 | 99.6 | 8.0 | -7.9 | 1.3 | 318.0 | 318.7 | 0.2 | 48.8 | 999.9 | 999.9 |
| 29.2 | 99.9 | 8690.1 | 325.0 | -41.9 | -49.9 | 111.0 | 8.4 | -7.8 | 3.0 | 318.9 | 318.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 31.1 | 99.9 | 9227.0 | 300.0 | -46.4 | -59.9 | 122.5 | 9.9 | -8.3 | 5.3 | 320.0 | 318.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 33.3 | 99.9 | 9799.3 | 275.0 | -50.8 | -69.9 | 114.5 | 10.4 | -9.5 | 4.3 | 321.7 | 318.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 35.6 | 99.9 | 10415.4 | 250.0 | -53.6 | -79.9 | 124.9 | 8.9 | -7.3 | 5.1 | 325.4 | 318.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 38.1 | 99.9 | 11089.9 | 225.0 | -54.5 | -89.9 | 121.1 | 5.5 | -4.7 | 2.8 | 325.4 | 318.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 40.7 | 99.9 | 11840.6 | 200.0 | -57.2 | -99.9 | 192.0 | 5.2 | 1.1 | 5.0 | 342.0 | 318.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 44.2 | 99.9 | 12886.3 | 175.0 | -54.7 | -99.9 | 210.5 | 7.6 | 4.5 | 6.1 | 359.7 | 318.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 47.2 | 99.9 | 13678.5 | 150.0 | -53.6 | -99.9 | 262.6 | 12.1 | 12.0 | 1.8 | 377.7 | 318.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 51.3 | 99.9 | 14848.7 | 125.0 | -55.4 | -99.9 | 264.2 | 13.0 | 13.0 | 1.3 | 394.7 | 318.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 56.1 | 99.9 | 16271.0 | 100.0 | -56.1 | -99.9 | 278.5 | 10.7 | 10.6 | -1.6 | 419.4 | 318.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 62.1 | 99.9 | 18093.3 | 75.0 | -56.7 | -99.9 | 258.6 | 10.8 | 10.6 | -2.1 | 454.1 | 318.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 69.9 | 99.9 | 20684.9 | 50.0 | -54.4 | -99.9 | 271.7 | 6.7 | 6.7 | -0.2 | 515.3 | 318.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 82.2 | 99.9 | 25146.9 | 25.0 | -49.7 | -99.9 | 65.4 | 3.8 | -3.8 | -0.3 | 641.8 | 318.9 | 99.9 | 999.9 | 999.9 | 999.9 |

STATION NO. 562
NORTH PLATTE, NEBRASKA

25 APRIL 1982
1115 GMT

0 6

DATA INTERPOLATED FROM NWS SIGNIFICANT LEVEL DATA

| TIME MIN | CNTCT | HEIGHT GPM | PRES MB | TEMP DG C | DEW PT DG C | DIR DG | SPEED M/SEC | U COMP M/SEC | V COMP M/SEC | POT T DG K | E POT T DG K | MX RTO GM/KG | RH PCT | RANGE KM | AZ DG |
|-------------|-------|---------------|------------|--------------|----------------|-----------|----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------|-------------|----------|
| 0.0 | 99.9 | 847.0 | 910.9 | 4.8 | 3.6 | 160.0 | 2.1 | -0.7 | 1.9 | 285.5 | 299.8 | 5.5 | 91.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 1000.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 975.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 950.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 99.9 | 99.9 | 99.9 | 925.0 | 99.9 | 99.9 | 999.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 0.3 | 99.9 | 945.9 | 900.0 | 7.6 | 6.6 | 197.4 | 1.6 | 0.5 | 1.5 | 289.4 | 307.4 | 6.8 | 93.3 | 999.9 | 999.9 |
| 1.1 | 99.9 | 1179.3 | 875.0 | 9.1 | 8.1 | 272.1 | 3.6 | 3.6 | -0.1 | 293.2 | 313.9 | 7.8 | 93.4 | 999.9 | 999.9 |
| 1.9 | 99.9 | 1420.5 | 850.0 | 10.2 | 5.6 | 319.9 | 5.8 | 3.7 | -4.4 | 296.8 | 315.2 | 6.7 | 73.1 | 999.9 | 999.9 |
| 2.8 | 99.9 | 1669.1 | 825.0 | 9.9 | 3.3 | 350.3 | 8.6 | 1.5 | -8.5 | 299.1 | 315.4 | 5.9 | 63.3 | 999.9 | 999.9 |
| 3.7 | 99.9 | 1924.4 | 800.0 | 8.2 | 1.5 | 6.0 | 9.5 | -1.0 | -9.4 | 309.9 | 314.9 | 5.4 | 62.9 | 999.9 | 999.9 |
| 4.5 | 99.9 | 2185.9 | 775.0 | 6.3 | -0.2 | 18.9 | 9.7 | -3.2 | -9.2 | 300.6 | 314.3 | 4.9 | 63.2 | 999.9 | 999.9 |
| 5.4 | 99.9 | 2454.1 | 750.0 | 4.3 | -2.0 | 28.6 | 9.2 | -4.4 | -8.1 | 301.2 | 313.8 | 4.4 | 63.6 | 999.9 | 999.9 |
| 6.3 | 99.9 | 2729.2 | 725.0 | 2.2 | -3.9 | 37.1 | 7.9 | -4.8 | -6.3 | 301.9 | 313.3 | 4.0 | 64.0 | 999.9 | 999.9 |
| 7.2 | 99.9 | 3011.8 | 700.0 | 0.1 | -5.8 | 45.2 | 7.0 | -5.1 | -4.8 | 302.5 | 312.9 | 3.5 | 64.4 | 999.9 | 999.9 |
| 8.2 | 99.9 | 3302.2 | 675.0 | -2.4 | -8.5 | 48.3 | 6.1 | -4.3 | -4.3 | 302.5 | 312.5 | 3.1 | 77.0 | 999.9 | 999.9 |
| 9.1 | 99.9 | 3600.7 | 650.0 | -4.9 | -12.3 | 28.3 | 5.5 | -2.6 | -4.9 | 303.5 | 312.5 | 2.4 | 77.7 | 999.9 | 999.9 |
| 10.1 | 99.9 | 3908.2 | 625.0 | -7.1 | -15.0 | 21.7 | 4.6 | -1.7 | -4.2 | 304.9 | 310.9 | 2.0 | 66.4 | 999.9 | 999.9 |
| 11.0 | 99.9 | 4225.2 | 600.0 | -9.7 | -17.1 | 35.4 | 3.6 | -2.1 | -3.0 | 305.3 | 310.6 | 1.7 | 69.0 | 999.9 | 999.9 |
| 12.0 | 99.9 | 4552.2 | 575.0 | -14.8 | -21.6 | 31.9 | 5.0 | -3.1 | -4.2 | 306.5 | 310.3 | 1.2 | 55.9 | 999.9 | 999.9 |
| 13.2 | 99.9 | 4890.1 | 550.0 | -17.5 | -22.6 | 30.8 | 6.2 | -3.2 | -5.3 | 307.4 | 311.8 | 1.2 | 64.3 | 999.9 | 999.9 |
| 14.5 | 99.9 | 5240.6 | 525.0 | -20.4 | -23.4 | 17.9 | 7.3 | -2.2 | -7.0 | 308.2 | 311.8 | 0.8 | 76.7 | 999.9 | 999.9 |
| 15.7 | 99.9 | 5604.1 | 500.0 | -23.2 | -28.3 | 5.1 | 9.8 | -0.9 | -9.7 | 309.2 | 311.8 | 0.7 | 62.6 | 999.9 | 999.9 |
| 17.0 | 99.9 | 5981.9 | 475.0 | -26.1 | -31.9 | 1.7 | 12.4 | -0.4 | -12.3 | 310.5 | 312.9 | 0.6 | 74.0 | 999.9 | 999.9 |
| 18.3 | 99.9 | 6375.6 | 450.0 | -28.9 | -35.8 | 1.6 | 11.0 | -0.3 | -11.0 | 312.0 | 314.1 | 0.6 | 75.1 | 999.9 | 999.9 |
| 19.7 | 99.9 | 6787.1 | 425.0 | -31.7 | -40.4 | 4.5 | 10.3 | -0.8 | -10.3 | 313.8 | 315.3 | 0.4 | 66.2 | 999.9 | 999.9 |
| 21.1 | 99.9 | 7218.4 | 400.0 | -34.4 | -44.3 | 10.0 | 10.8 | -1.9 | -10.6 | 314.7 | 315.7 | 0.3 | 60.4 | 999.9 | 999.9 |
| 22.5 | 99.9 | 7671.4 | 375.0 | -37.2 | -48.3 | 11.7 | 10.8 | -2.2 | -10.6 | 315.8 | 316.6 | 0.2 | 58.4 | 999.9 | 999.9 |
| 24.1 | 99.9 | 8141.9 | 350.0 | -43.4 | -53.9 | 10.0 | 10.8 | -1.9 | -10.6 | 316.9 | 316.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 26.0 | 99.9 | 8651.3 | 325.0 | -47.6 | -59.9 | 354.4 | 9.8 | -1.0 | -9.8 | 317.9 | 317.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 27.9 | 99.9 | 9184.7 | 300.0 | -52.6 | -66.6 | 1.7 | 8.8 | -0.3 | -8.8 | 319.1 | 319.1 | 99.9 | 999.9 | 999.9 | 999.9 |
| 29.9 | 99.9 | 9752.8 | 275.0 | -57.6 | -73.9 | 9.4 | 7.6 | -1.2 | -7.5 | 320.4 | 319.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 32.2 | 99.9 | 10361.5 | 250.0 | -59.6 | -80.9 | 355.4 | 6.4 | 0.5 | -6.3 | 321.1 | 319.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 34.5 | 99.9 | 11024.6 | 225.0 | -59.0 | -86.9 | 276.0 | 2.6 | 2.6 | -0.3 | 321.4 | 319.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 37.0 | 99.9 | 11766.1 | 200.0 | -57.7 | -93.9 | 271.5 | 7.8 | 7.8 | -0.2 | 327.1 | 319.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 39.8 | 99.9 | 12611.6 | 175.0 | -56.3 | -99.9 | 263.0 | 8.2 | 8.1 | 1.0 | 327.0 | 319.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 43.5 | 99.9 | 13597.1 | 150.0 | -54.6 | -107.9 | 258.8 | 14.3 | 14.0 | 2.8 | 326.5 | 319.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 47.6 | 99.9 | 14765.1 | 125.0 | -54.4 | -117.9 | 271.0 | 13.6 | 13.6 | -0.2 | 417.0 | 319.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 52.6 | 99.9 | 16185.5 | 100.0 | -57.3 | -129.9 | 256.9 | 10.3 | 10.0 | -2.3 | 451.6 | 319.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 58.8 | 99.9 | 18002.0 | 75.0 | -57.9 | -141.9 | 281.9 | 5.9 | 5.7 | -1.2 | 512.9 | 319.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 67.6 | 99.9 | 20570.3 | 50.0 | -56.4 | -154.9 | 98.1 | 4.3 | -4.3 | 0.6 | 626.2 | 319.9 | 99.9 | 999.9 | 999.9 | 999.9 |
| 81.3 | 99.9 | 25008.6 | 25.0 | -51.6 | -199.9 | 98.1 | 4.3 | -4.3 | 0.6 | 626.2 | 319.9 | 99.9 | 999.9 | 999.9 | 999.9 |

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